



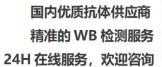
## **GPR172B Monoclonal Antibody**

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function: Acts as receptor for porcine endogenous retrovirus subgroup A		
Reactivity Human;Rat;Mouse;  Applications WB  Gene Name SLC52A1  Protein Name Solute carrier family 52 riboflavin transporter member 1  Immunogen The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284  Specificity GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein.  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function: Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity felongs to the PERVR family, tissue specificity: Detected in wide variety of tissues. High expression in testis.,  Background Background for the ribsues. High expression in testis.	Catalog No	BYmab-13318
Applications WB  Gene Name SLC52A1  Protein Name Solute carrier family 52 riboflavin transporter member 1  Immunogen The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284  Specificity GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function: Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity, Belongs to the PERVR family, tissue specificity: Detected in wide variety of tissues. High expression in testis.,  Biological redox reactions require electron donors and acceptor. Vitaetina B2 is the source for the fibavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMM) which are common redox reagents. This gene encodes.	Isotype	IgG
Gene Name         SLC52A1           Protein Name         Solute carrier family 52 riboflavin transporter member 1           Immunogen         The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284           Specificity         GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein GPR172B prote	Reactivity	Human;Rat;Mouse;
Protein Name  Solute carrier family 52 riboflavin transporter member 1  Immunogen  The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284  Specificity  GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  290%  Storage Stability  -20°C/1 year  Synonyms  SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band  46kD  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Tissue Specificity  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function  function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity:Belongs to the PERVR family, tissue specificity:Detected in wide variety of tissues. High expression in testis.  Background  Background  Background  Tissue Specificity  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family, Haploinsufficiency of the mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Applications	WB
Immunogen         The antiserum was produced against synthesized peptide derived from human PEVR2. AA range:235-284           Specificity         GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein GPR172B protein Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1           Observed Band         46kD           Cell Pathway         Cell membrane; Multi-pass membrane protein.           Tissue Specificity         Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.           Function         function: Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity. Belongs to the PERVR family., tissue specificity. Detected in wide variety of tissues. High expression in testis.           Background         Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucle	Gene Name	SLC52A1
PEVR2. AA range:235-284  Specificity GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, lgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein .  Tissue Specificity Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity:Belongs to the PERVR family, tissue specificity:Detected in wide variety of tissues. High expression in testis.,  Background Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMI) which are common redox reagents. This gene encodes membre of the riboflavin (vitamin B2) transporter family. Haploinstificiency of the	Protein Name	Solute carrier family 52 riboflavin transporter member 1
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90% Storage Stability -20°C/1 year  Synonyms SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity Belongs to the PERVR family., tissue specificity: Detected in wide variety of tissues. High expression in testis.  Background Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of th	Immunogen	
Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1           Observed Band         46kD           Cell Pathway         Cell membrane; Multi-pass membrane protein.           Tissue Specificity         Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.           Function         function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity:Belongs to the PERVR family., tissue specificity:Detected in wide variety of tissues. High expression in testis.,           Background         Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Happionsufficiency of the riboflavin (vitamin B2) transporter family. Happionsufficiency of the riboflavin (vitamin B2) transporter family.	Specificity	GPR172B Monoclonal Antibody detects endogenous levels of GPR172B protein.
Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band  46kD  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Tissue Specificity  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function  function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity. Belongs to the PERVR family, tissue specificity. Detected in wide variety of tissues. High expression in testis.  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A), similarity:Belongs to the PERVR family, tissue specificity: Detected in wide variety of tissues. High expression in testis.,  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Source	Monoclonal, Mouse,IgG
Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1         Observed Band       46kD         Cell Pathway       Cell membrane; Multi-pass membrane protein.         Tissue Specificity       Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.         Function       function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A).,similarity:Belongs to the PERVR family.,tissue specificity:Detected in wide variety of tissues. High expression in testis.,         Background       Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Purification	
Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1         Observed Band       46kD         Cell Pathway       Cell membrane; Multi-pass membrane protein.         Tissue Specificity       Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.         Function       function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A).,similarity:Belongs to the PERVR family.,tissue specificity:Detected in wide variety of tissues. High expression in testis.,         Background       Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the procession of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the procession of the riboflavin (vitamin B2) transporter family.	Dilution	WB 1:500-2000
Synonyms  SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band  46kD  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Tissue Specificity  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function  function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A)., similarity:Belongs to the PERVR family., tissue specificity:Detected in wide variety of tissues. High expression in testis.,  Background  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Concentration	1 mg/ml
Synonyms  SLC52A1; GPR172B; PAR2; RFT1; Solute carrier family 52; riboflavin transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band  46kD  Cell Pathway  Cell membrane; Multi-pass membrane protein.  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function  function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A)., similarity:Belongs to the PERVR family., tissue specificity:Detected in wide variety of tissues. High expression in testis.,  Background  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Purity	≥90%
transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A receptor 2; Protein GPR172B; Riboflavin transporter 1; hRFT1  Observed Band 46kD  Cell Pathway Cell membrane; Multi-pass membrane protein.  Tissue Specificity Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A).,similarity:Belongs to the PERVR family.,tissue specificity:Detected in wide variety of tissues. High expression in testis.,  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Storage Stability	-20°C/1 year
Cell Pathway  Cell membrane; Multi-pass membrane protein.  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function  function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A).,similarity:Belongs to the PERVR family.,tissue specificity:Detected in wide variety of tissues. High expression in testis.,  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes a member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Synonyms	transporter, member 1; Porcine endogenous retrovirus A receptor 2; PERV-A
Tissue Specificity  Widely expressed. Highly expressed in the testis, placenta and small intestine. Expressed at lower level in other tissues.  Function  function: Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A)., similarity: Belongs to the PERVR family., tissue specificity: Detected in wide variety of tissues. High expression in testis.,  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Observed Band	46kD
Function  function:Acts as receptor for porcine endogenous retrovirus subgroup A (PERV-A).,similarity:Belongs to the PERVR family.,tissue specificity:Detected in wide variety of tissues. High expression in testis.,  Biological redox reactions require electron donors and acceptor. Vitamin B2 is the source for the flavin in flavin adenine dinucleotide (FAD) and flavin mononucleotide (FMN) which are common redox reagents. This gene encodes member of the riboflavin (vitamin B2) transporter family. Haploinsufficiency of the	Cell Pathway	Cell membrane ; Multi-pass membrane protein .
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	Background	

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		same proteii	n, have bee	en identified.	[provided by F	RefSeq,
Jan 201	3],					

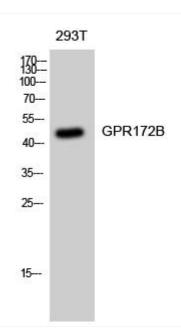
## matters needing attention

Avoid repeated freezing and thawing!

**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using GPR172B Monoclonal Antibody

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