

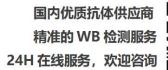


## LASS4 Monoclonal Antibody

Catalog No         BYmab-02657           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB           Gene Name         CERS4           Protein Name         Ceramide synthase 4           Immunogen         The antiserum was produced against synthesized peptide derived from human LASS4. AA range: 41-90           Specificity         LASS4 Monoclonal Antibody detects endogenous levels of LASS4 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           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4           Observed Band         46kD           Cell Pathway         Endoplasmic reticulum membrane; Multi-pass membrane protein .           Tissue Specificity         Cerebellum,Embryo, Lung,           Function         function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in		
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Gene Name Ceramide synthase 4  Immunogen The antiserum was produced against synthesized peptide derived from human LASS4. AA range:41-90 Specificity LASS4 Monoclonal Antibody detects endogenous levels of LASS4 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  Purity 290% Storage Stability -20°C/1 year  Synonyms CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4  Observed Band 46kD  Cell Pathway Endoplasmic reticulum membrane; Multi-pass membrane protein.  Tissue Specificity Cerebellum,Embryo,Lung,  Function function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fathy acid donors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a furnonisin B1-independent manner, similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.  Background	Reactivity	Human;Rat;Mouse;
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Immunogen  The antiserum was produced against synthesized peptide derived from human LASS4. AA range:41-90  Specificity  LASS4 Monoclonal Antibody detects endogenous levels of LASS4 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  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4  Observed Band  46kD  Cell Pathway  Endoplasmic reticulum membrane; Multi-pass membrane protein.  Tissue Specificity  Cerebellum,Embryo,Lung,  function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner, similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.  Background	Gene Name	CERS4
LASS4. AA range:41-90  Specificity  LASS4 Monoclonal Antibody detects endogenous levels of LASS4 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  Purity  290%  Storage Stability  -20°C/1 year  Synonyms  CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4  Observed Band  46kD  Cell Pathway  Endoplasmic reticulum membrane; Multi-pass membrane protein.  Tissue Specificity  Cerebellum,Embryo,Lung,  Function  function: May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent  TLC (TRAM/LAG1/CLN8) domain.  Background  Liquid in PBS containing by glycerol, 0.5% BSA and 0.02% sodium azide.  Liquid in PBS containing by glycerol, 0.5% BSA and 0.02% sodium azide.  Monoclonal, Mouse, IgG  The antibody sodium azide.  Monoclonal, Mouse, IgG  The antibody sodium azide.  Monoclonal, Mouse, IgG  Box BSA and 0.02% sodium azide.  Monoclonal, Mouse, IgG  The antibody sodium azide.  The antibody sodium azide.  Storage sodium azide.  The antibody sodium azide.  The	Protein Name	Ceramide synthase 4
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 CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4  Observed Band 46kD  Cell Pathway Endoplasmic reticulum membrane; Multi-pass membrane protein.  Tissue Specificity Cerebellum,Embryo,Lung,  function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner. similarity:Contains 1 homeobox DNA-binding domain., similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.  Background  Eliquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Monoclonal, Mouse, IgG  The antibody sodium azide.  The antibody sodium azide.  The antibody sodium azide.  Monoclonal, Mouse, IgG  The antibody sodium azide.  The antibody so	Immunogen	
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Synonyms  CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4  Observed Band  46kD  Cell Pathway  Endoplasmic reticulum membrane; Multi-pass membrane protein.  Tissue Specificity  Cerebellum,Embryo,Lung,  Function  function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingollipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.,  Background  function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of	Purity	≥90%
homolog 4  Observed Band 46kD  Cell Pathway Endoplasmic reticulum membrane; Multi-pass membrane protein.  Tissue Specificity Cerebellum,Embryo,Lung,  Function function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.,  Background function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of	Storage Stability	-20°C/1 year
Cell Pathway  Endoplasmic reticulum membrane; Multi-pass membrane protein.  Cerebellum,Embryo,Lung,  function: May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 TLC (TRAM/LAG1/CLN8) domain.,  Background  function:May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of	Synonyms	
Tissue Specificity  Cerebellum, Embryo, Lung,  function  function: May be either a bona fide (dihydro) ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner., similarity: Contains 1 homeobox DNA-binding domain., similarity: Contains 1 TLC (TRAM/LAG1/CLN8) domain.,  Background  function: May be either a bona fide (dihydro) ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of	Observed Band	46kD
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its activity. When overexpressed in cells is involved in the production of	Function	its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donnors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains
	Background	its activity. When overexpressed in cells is involved in the production of

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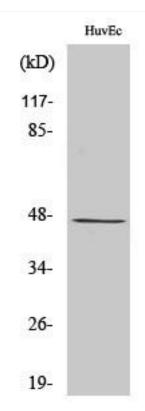
matters needing attention

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 LASS4 Monoclonal Antibody

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