



# PIGR Monoclonal Antibody

Catalog No	BYmab-06891
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	PIGR
Protein Name	Polymeric immunoglobulin receptor (PIgR) (Poly-Ig receptor) (Hepatocellular carcinoma-associated protein TB6) [Cleaved into: Secretory component]
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PIGR Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	84kD
Cell Pathway	[Polymeric immunoglobulin receptor]: Cell membrane ; Single-pass type I membrane protein .; [Secretory component]: Secreted .
Tissue Specificity	Bile,Liver,Milk,Plasma,Saliva,Small intestine,
Function	function:This receptor binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment.,PTM:N-glycosylation is not necessary for Ig binding.,similarity:Contains 5 Ig-like V-type (immunoglobulin-like) domains.,
Background	polymeric immunoglobulin receptor(PIGR) Homo sapiens This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A

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nephropathy and several SNPs in this gene.[provided by RefSeq, Sep 2009],

**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

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