



P3H1 mouse mAb

Catalog No	YP-mAb-17701
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LEPRE1 GROS1 P3H1 PSEC0109
Immunogen	Synthesized peptide derived from human P3H1
Specificity	This antibody detects endogenous levels of P3H1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.1909% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GROS1;Growth suppressor 1;LEPRE1;Leprecan 1;P3H1;Prolyl 3 hydroxylase 1; LEPRE1 GROS1 P3H1 PSEC0109;Prolyl 3-hydroxylase 1 (EC 1.14.11.7) (Growth suppressor 1) (Leucine- and proline-enriched proteoglycan 1) (Leprecan-1)
Observed Band	83 kDa
Calculated Molecular Weight	83 kDa
Cell Pathway	[Isoform 1]: Endoplasmic reticulum.; Secreted, extracellular space, extracellular matrix . Secreted into the extracellular matrix as a chondroitin sulfate proteoglycan (CSPG).
Tissue Specificity	
Function	Basement membrane-associated chondroitin sulfate proteoglycan (CSPG). Has prolyl 3-hydroxylase activity catalyzing the post-translational formation of 3-hydroxyproline in -Xaa-Pro-Gly- sequences in collagens, especially types IV and V. May be involved in the secretory pathway of cells. Has growth suppressive activity in fibroblasts.
Background	

**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