



PHEX mouse mAb

Catalog No	BYmab-18066
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PHEX PEX
Protein Name	Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (Vitamin D-resistant hypophosphatemic rickets protein) (X-linked hypophosphatemia protein) (HYP)
Immunogen	Synthesized peptide derived from human PHEX
Specificity	This antibody detects endogenous levels of PHEX at Human, Mouse
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	
Observed Band	82kD
Cell Pathway	Cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	Specifically expressed in ovary (PubMed:9070861). Expressed at low levels in kidney (PubMed:9070861).
Function	Peptidase that cleaves SIBLING (small integrin-binding ligand, N-linked glycoprotein)-derived ASARM peptides, thus regulating their biological activity . Cleaves ASARM peptides between Ser and Glu or Asp residues . Regulates osteogenic cell differentiation and bone mineralization through the cleavage of the MEPE-derived ASARM peptide . Promotes dentin mineralization and renal phosphate reabsorption by cleaving DMP1- and MEPE-derived ASARM peptides . Inhibits the cleavage of MEPE by CTSB/cathepsin B thus preventing MEPE degradation .

Background

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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