



PHEX mouse mAb

Catalog No	YP-mAb-18066
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PHEX PEX
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EC:3.4.24.-;HPDR;HYP1;PEX;Phosphate-regulating neutral endopeptidase PHEX;PHEX;PHEX PEX;Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (Vitamin D-resistant hypophosphatemic rickets protein) (X-linked hypophosphatemia protein) (HYP)
Observed Band	76-80 kDa, 95-100 kDa
Calculated Molecular Weight	749 aa, 86 kDa
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

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