



PGCP Mouse mAb

Catalog No	YP-mAb-18879
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CPQ LCH1 PGCP
Immunogen	Synthesized peptide derived from human PGCP
Specificity	This antibody detects endogenous levels of PGCP at Human, Mouse,Rat
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	Plasma glutamate carboxypeptidase;Lysosomal dipeptidase;LCH1;EC:3.4.17.-; CPQ;CPQ LCH1 PGCP;Carboxypeptidase Q (Lysosomal dipeptidase) (Plasma glutamate carboxypeptidase)
Observed Band	65-70 kDa
Calculated Molecular Weight	472 aa, 52 kDa
Cell Pathway	Endoplasmic reticulum . Golgi apparatus . Lysosome . Secreted . Secretion is stimulated by TSH/thyroid-stimulating hormone, INS/insulin and SST/somatostatin. .
Tissue Specificity	Mainly detected in blood plasma. Abundant in placenta and kidney. Present at low level in muscles, liver and skin fibroblasts. Not detected in brain or white blood cells (at protein level).
Function	Carboxypeptidase that may play an important role in the hydrolysis of circulating peptides. Catalyzes the hydrolysis of dipeptides with unsubstituted terminals into amino acids. May play a role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor.
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