



CBPD Monoclonal Antibody

Catalog No	BYmab-05430
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	CPD
Protein Name	Carboxypeptidase D (EC 3.4.17.22) (Metallo-carboxypeptidase D) (gp180)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CBPD 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	151kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Highly expressed in placenta, pancreas and hepatoma cells. Lower levels found in skeletal muscle, heart and colon carcinoma and melanoma cell lines.
Function	catalytic activity:Releases C-terminal Arg and Lys from polypeptides.,cofactor:Binds 2 zinc ions per subunit.,domain:There are 3 carboxypeptidase-like domains. Only the first two domains seem to have kept a catalytic activity.,similarity:Belongs to the peptidase M14 family.,tissue specificity:Highly expressed in placenta, pancreas and hepatoma cells. Lower levels found in skeletal muscle, heart and colon carcinoma and melanoma cell lines.,
Background	carboxypeptidase D(CPD) Homo sapiens The metallo-carboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D has been identified as a regulatory B-type

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carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq, Jul 2008],

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