



CD107a Monoclonal Antibody

Catalog No	YP-mAb-13997
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	LAMP1
Protein Name	Lysosome-associated membrane glycoprotein 1
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human LAMP1. AA range:211-260
Specificity	CD107a Monoclonal Antibody detects endogenous levels of CD107a protein.
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	LAMP1; Lysosome-associated membrane glycoprotein 1; LAMP-1; Lysosome-associated membrane protein 1; CD107 antigen-like family member A; CD107a
Observed Band	120kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Endosome membrane; Single-pass type I membrane protein . Lysosome membrane ; Single-pass type I membrane protein . Late endosome membrane ; Single-pass type I membrane protein . Cytolytic granule membrane ; Single-pass type I membrane protein . This protein shuttles between lysosomes, endosomes, and the plasma membrane (By similarity). Colocalizes with OSBPL1A at the late endosome (PubMed:16176980).
Tissue Specificity	Brain,Liver,Pancreas,Placenta,Plasma,Testis,
Function	function:Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis.,PTM:O- and N-glycosylated; some of the 18 N-linked glycans are polylactosaminoglycans.,similarity:Belongs to the LAMP family.,subcellular location:This protein shuttles between lysosomes, endosomes, and the plasma membrane.,
Background	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands.



It may also play a role in tumor cell metastasis. [provided by RefSeq, Jul 2008],

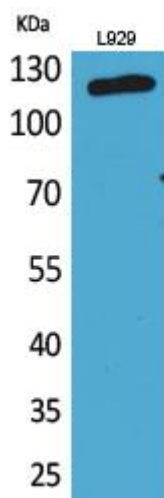
matters needing attention

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



Western Blot analysis of various cells using CD107a Monoclonal Antibody