

For Research Use Only

CD107b / LAMP2 Recombinant antibody

Catalog Number: 84474-7-RR



Basic Information

Catalog Number: 84474-7-RR	GenBank Accession Number: NM_001017959.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 16784	CloneNo.: 241893C1
Source: Rabbit	UNIPROT ID: P17047-1	Recommended Dilutions: IF/ICC 1:400-1:1600
Isotype: IgG	Full Name: lysosomal-associated membrane protein 2	
	Calculated MW: 46 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : NIH/3T3 cells,
Species Specificity: mouse	

Background Information

Lysosomal-associated membrane protein 2 (LAMP2, synonyms: LAMPB, CD107b) is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Prior to posttranslational modification, LAMP2 is a ~45 kDa polypeptide. Mature, functional LAMP2 is extensively glycosylated with a variety of different N-linked and O-linked oligosaccharides.

Storage

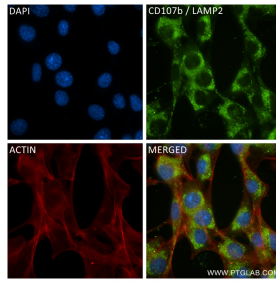
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

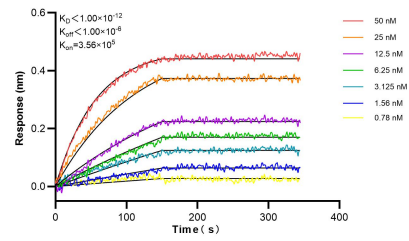
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using CD107b / LAMP2 antibody (84474-7-RR, Clone: 241893C1) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84474-7-RR against Mouse CD107b / LAMP2 were performed. The affinity constant is below 1 pM.