

For Research Use Only

CD107b / LAMP2 Recombinant antibody

Catalog Number: 84474-3-RR



Basic Information

Catalog Number: 84474-3-RR	GenBank Accession Number: NM_001017959.2	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 16784	CloneNo.: 241893G7
Source: Rabbit	UNIPROT ID: P17047-1	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: lysosomal-associated membrane protein 2	
	Calculated MW: 46 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : NIH/3T3 cells, mouse liver tissue

IHC : mouse liver tissue,

IF/ICC : NIH/3T3 cells,

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

For technical support and original validation data for this product please contact:

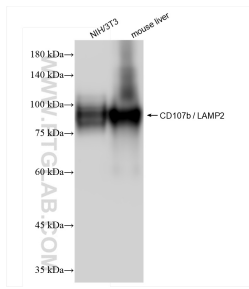
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E: Proteintech-CN@ptglab.com

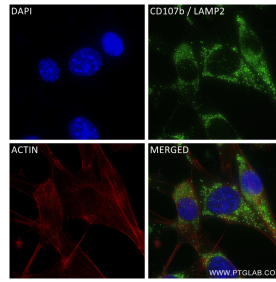
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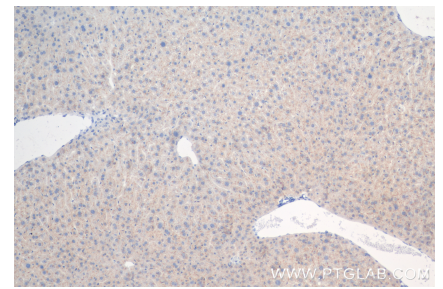
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84474-3-RR (CD107b / LAMP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using CD107b / LAMP2 antibody (84474-3-RR, Clone: 241893G7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 84474-3-RR (CD107b / LAMP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).