

For Research Use Only

Mouse CD107b / LAMP2 Recombinant antibody, PBS Only

Catalog Number: 84474-7-PBS



Basic Information

Catalog Number:

84474-7-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001017959.2

GeneID (NCBI):

16784

UNIPROT ID:

P17047-1

Full Name:

lysosomal-associated membrane protein 2

Calculated MW:

46 kDa

Purification Method:

Protein A purification

CloneNo.:

241893C1

Applications

Tested Applications:

IF/ICC, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

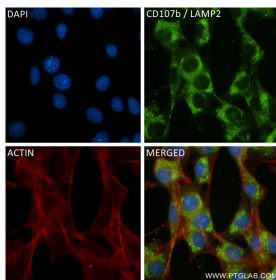
T: 4006900926

E: Proteintech-CN@ptglab.com

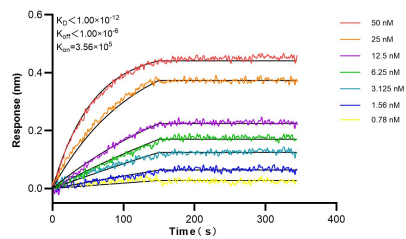
W: ptgcn.com

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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). This data was developed using the same antibody clone with 84474-7-PBS in a different storage buffer formulation.



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