

For Research Use Only

# CD107b / LAMP2 Polyclonal antibody



Catalog Number: 10397-1-AP

20 Publications

## Basic Information

### Catalog Number:

10397-1-AP

### Size:

150ul , Concentration: 200 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0595

### GenBank Accession Number:

BC002965

### GeneID (NCBI):

3920

### ENSEMBL Gene ID:

ENSG00000005893

### UNIPROT ID:

P13473

### Full Name:

lysosomal-associated membrane protein 2

### Calculated MW:

45 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

ELISA

### Cited Applications:

IF, IHC

### Species Specificity:

human

### Cited Species:

human, rat, 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 plays a role in tumor cell metastasis. It may also functions 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, with apparent molecular weight ranging from 45-130 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiaqi Liu	27222705	Cell Biosci	
Jijun Hu	34145195	Neuroreport	IHC
Lorena Mardones	34153681	Biochem Biophys Res Commun	IHC

## 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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

