

For Research Use Only

# CD107b / LAMP2 Polyclonal antibody

Catalog Number: 10397-1-AP

22 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:

IHC, IF

### Species Specificity:

human

### Cited Species:

human, mouse, rat, goat

## 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, with apparent molecular weight ranging from 45-130 kDa.

## Notable Publications

| Author      | Pubmed ID | Journal     | Application |
|-------------|-----------|-------------|-------------|
| Guo-Qian He | 33173969  | Mol Med Rep | IF          |
| Jiaqi Liu   | 27222705  | Cell Biosci |             |
| Jijun Hu    | 34145195  | Neuroreport | IHC         |

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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:

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