

For Research Use Only

# CD107a / LAMP1 Polyclonal antibody

Catalog Number: 55273-1-AP

19 Publications



## Basic Information

### Catalog Number:

55273-1-AP

### Size:

150ul, Concentration: 750 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_005561

### GeneID (NCBI):

3916

### ENSEMBL Gene ID:

ENSG00000185896

### UNIPROT ID:

P11279

### Full Name:

lysosomal-associated membrane protein 1

### Calculated MW:

45 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human

### Cited Species:

human, mouse, pig, turtle

## Background Information

LAMP1 (also known as CD107a) is a 90-120 kDa heavily glycosylated membrane protein enriched in the lysosomal membrane. LAMP1 functions to provide selectins with carbohydrate ligands. This protein has also been shown to be a marker of degranulation on lymphocytes such as CD8+ and NK cells and may also play a role in tumor cell differentiation and metastasis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jie Liu	33113510	Aging (Albany NY)	IF
Shuo Chen	29022892	Cell Death Dis	WB, IF
Yuehua Zhang	36470106	Eur J Med Chem	IF

## Storage

### Storage:

Store at -20°C.

### 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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