

For Research Use Only

CD107a / LAMP1 Polyclonal antibody

Catalog Number: 55273-1-AP

18 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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