

For Research Use Only

CoraLite®594-conjugated CD107a / LAMP1 Monoclonal antibody

Catalog Number: CL594-67300

2 Publications



Basic Information

Catalog Number:

CL594-67300

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG28869

GenBank Accession Number:

BC021288

GeneID (NCBI):

3916

ENSEMBL Gene ID:

ENSG00000185896

UNIPROT ID:

P11279

Full Name:

lysosomal-associated membrane protein 1

Calculated MW:

417 aa, 45 kDa

Observed MW:

90-120 kDa

Purification Method:

Protein A purification

CloneNo.:

3B2E9

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Cited Applications:

IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

IF-P : human liver cancer tissue,

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
Liuyang Tian	37479181	J Adv Res	IF
Liuyang Tian	37081967	Front Pharmacol	IF

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

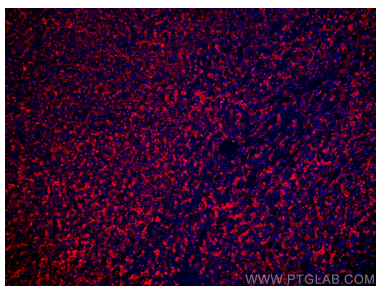
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

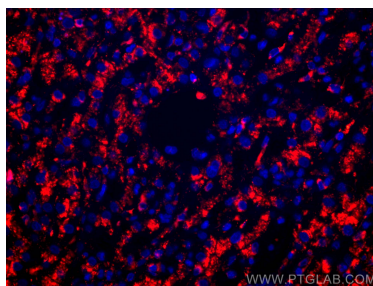
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite®594 CD107a antibody (CL594-67300, Clone: 3B2E9) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite®594 CD107a antibody (CL594-67300, Clone: 3B2E9) at dilution of 1:200.