

FITC Plus Anti-Human CD107b / LAMP2 (H4B4) Rabbit IgG Recombinant Antibody

Catalog Number: ~~PTC-65520~~ **FITC-65520**

Basic Information

Catalog Number:

FITC-65520

Size:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002965

GeneID (NCBI):

3920

ENSEMBL Gene ID:

ENSG00000005893

Full Name:

lysosomal-associated membrane
protein 2

Calculated MW:

45 kDa

Purification Method:

Affinity purification

CloneNo.:

H4B4

**Excitation/Emission maxima
wavelengths:**

495 nm / 524 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human

Background Information

LAMP2 (CD107b) is a Lysosomal membrane glycoprotein. LAMP2 is extensively glycosylated with asparagine-linked oligosaccharides which protect it from intracellular proteolysis (PMID: 10521503). Although LAMP-2 is localized primarily in the endosome-lysosomal membrane of cells, it is also found on the plasma membrane under certain circumstances, e.g., after platelet activation, during granulocytic differentiation and activation, and in some tumor cells (PMID: 12221139). LAMP is involved in lysosomal stability and autophagy (PMID: 12221139). This glycoprotein provides selectins with carbohydrate ligands. LAMP2 may play a role in tumor cell metastasis (PMID 9426697).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

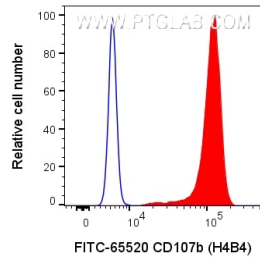
For technical support and original validation data for this product please contact:

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

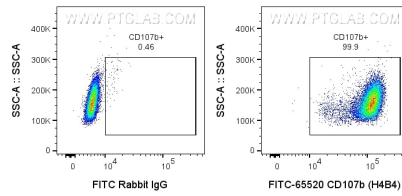
E: proteintech@ptglab.com
W: ptglab.com

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other manufacturer.**

Selected Validation Data



1x10⁶ human PBMCs were intracellularly stained with 5 μ l FITC Plus Anti-Human CD107b Rabbit Recombinant Antibody (FITC-65520, Clone:H4B4) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Cells were treated with FC Receptor Block prior to staining.



1x10⁶ human PBMCs were intracellularly stained with 5 μ l FITC Plus Anti-Human CD107b Rabbit Recombinant Antibody (FITC-65520, Clone:H4B4) or FITC-conjugated Rabbit IgG control PolyAb (FITC-30000). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Cells were treated with FC Receptor Block prior to staining.