

For Research Use Only

CoraLite®647-conjugated Anti-Mouse CD107b (ABL-93)



Catalog Number: CL647-65052

Basic Information

Catalog Number: CL647-65052	GenBank Accession Number: BC138718	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 16784	CloneNo.: ABL-93
Source: Rat	Full Name: lysosomal-associated membrane protein 2	Excitation/Emission maxima wavelengths: 650 nm/665 nm
Isotype: IgG2a		

Applications

Tested Applications:
FC

Species Specificity:
Mouse

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

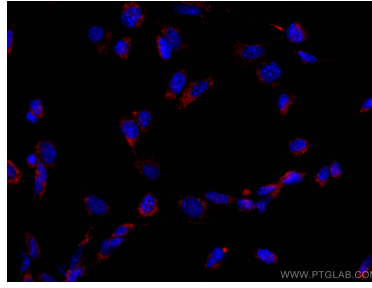
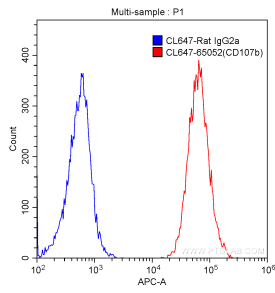
Storage:
Store at 2-8°C. Avoid exposure to light.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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



1X10⁶ NIH/3T3 cells were intracellularly stained with 5.00 ul CoraLite®647-conjugated Anti-Mouse CD107b (CL647-65052, Clone: ABL-93) (red) or isotype control antibody (blue). Cells were fixed with 90% MeOH.

Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using CoraLite®647 CD107b antibody (CL647-65052, Clone: ABL-93) at dilution of 1:400.