

For Research Use Only

CoraLite®555 Anti-Mouse CD107b / LAMP2 (ABL-93)



Catalog Number:CL555-65052

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL555-65052	BC138718	N/A
Size:	GeneID (NCBI):	CloneNo.:
100tests , 5 µl/test	16784	ABL-93
Source:	UNIPROT ID:	Recommended Dilutions:
Rat	P17047	IF/ICC 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG2a	lysosomal-associated membrane protein 2	557 nm / 570nm

Applications

Tested Applications:	Positive Controls:
IF	IF/ICC : NIH/3T3 cells,
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 plays a role in tumor cell metastasis (PMID 9426697).

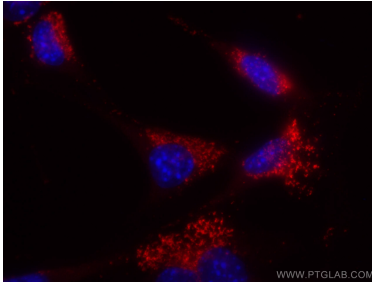
Storage

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



Immunofluorescent analysis of (-20°C Ethanol)
fixed NIH/3T3 cells using CoraLite® Plus 555
CD107b antibody (CL555-65052, Clone: ABL-93) at
dilution of 1:100.