

For Research Use Only

CD63 Polyclonal antibody

Catalog Number: 32151-1-AP **2 Publications**



Basic Information

Catalog Number: 32151-1-AP	GenBank Accession Number: NM_001042580.1	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 12512	Recommended Dilutions: WB 1:500-1:3000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P41731	
Isotype: IgG	Full Name: CD63 antigen	
	Calculated MW: 26kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : A549 cells, HUVEC cells, HeLa cells, K-562 cells IF/ICC : NIH/3T3 cells,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: mouse	

Background Information

CD63, also known as LIMP, LAMP-3, gp55, and melanoma-associated antigen (ME491), is a member of the four-times transmembrane protein superfamily (TM4SF), which constitutes a major component of lysosomal membranes. CD63 is used as a marker for exocytosis, is involved in cellular protein sorting of late endosomes and multivesicular bodies, facilitates exosome formation, and plays a role in activating ITGB1 and integrin signaling. Furthermore, CD63 is involved in intercellular adhesion through interactions with other cell surface molecules.

Notable Publications

Author	Pubmed ID	Journal	Application
Bai Lv	39806831	Adv Healthc Mater	WB
Mingbo Wu	39744220	Theranostics	WB

Storage

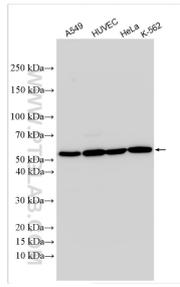
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

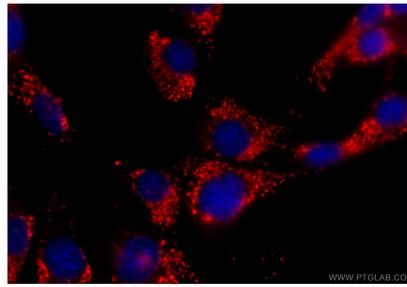
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32151-1-AP (CD63 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using CD63 antibody (32151-1-AP) at dilution of 1:400 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).