

For Research Use Only

CD63 Polyclonal antibody

Catalog Number: 32151-1-AP

4 Publications



Basic Information

Catalog Number:

32151-1-AP

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001042580.1

GeneID (NCBI):

12512

UNIPROT ID:

P41731

Full Name:

CD63 antigen

Calculated MW:

26kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:3000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : A549 cells, HUVEC cells, HeLa cells, K-562 cells

IF/ICC : NIH/3T3 cells,

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
Hanhong Zhuang	40616949	Redox Biol	WB
Xiaochun Yang	40084693	Mol Med Rep	WB
Bai Lv	39806831	Adv Healthc Mater	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

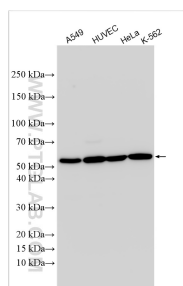
T: 4006900926

E: Proteintech-CN@ptglab.com

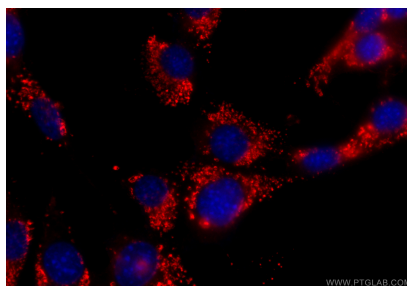
W: ptgcn.com

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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).