

For Research Use Only

CD63 Polyclonal antibody

Catalog Number: 32151-1-AP

2 Publications



Basic Information

Catalog Number:

32151-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

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 |
|-----------|-----------|-------------------|-------------|
| 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

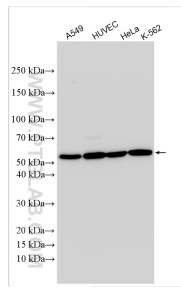
For technical support and original validation data for this product please contact:

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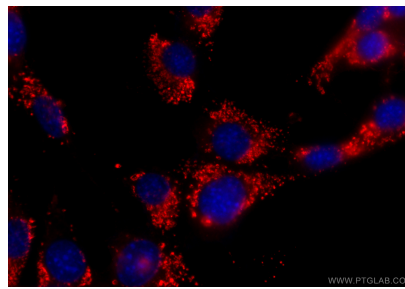
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Selected Validation Data



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).