

# CD63 Rabbit mAb

Catalog No.: A19023

Recombinant

68 Publications

## Basic Information

### Observed MW

25-63kDa

### Calculated MW

17kDa/23kDa/25kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC51703

## Background

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

## Recommended Dilutions

WB 1:1000 - 1:2000

IHC-P 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

967

### Swiss Prot

P08962

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

MLA1; ME491; LAMP-3; OMA81H; TSPAN30; CD63

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

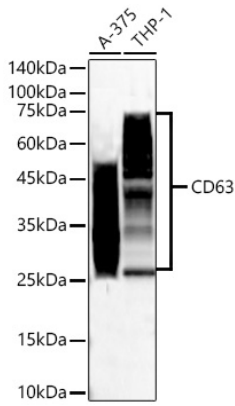
Affinity purification

### Storage

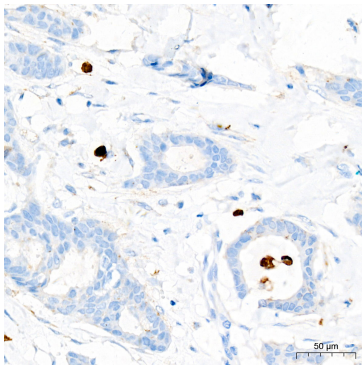
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

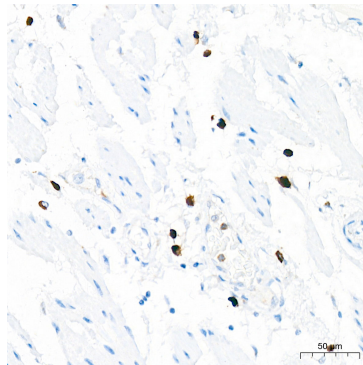
## Validation Data



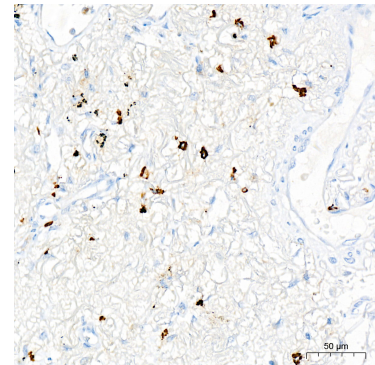
Western blot analysis of various lysates using CD63 Rabbit mAb (A19023) at 1:1000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



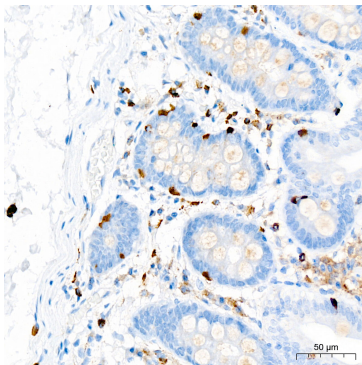
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using CD63 Rabbit mAb (A19023) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using CD63 Rabbit mAb (A19023) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung tissue using CD63 Rabbit mAb (A19023) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human small intestine tissue using CD63 Rabbit mAb (A19023) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.