

# CD63 Rabbit pAb

Catalog No.: A5271 **58 Publications**

## Basic Information

### Observed MW

30-65kDa

### Calculated MW

26kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human

## 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** 1:100 - 1:500**IHC-P** 1:50 - 1:200**IHC-P** 1:50 - 1:100**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 fusion protein containing a sequence corresponding to amino acids 103-203 of human CD63 (NP\_001771.1).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

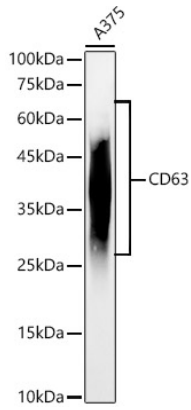
Affinity purification

### Storage

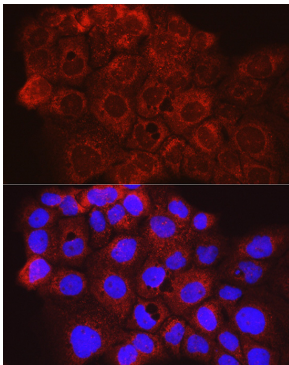
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

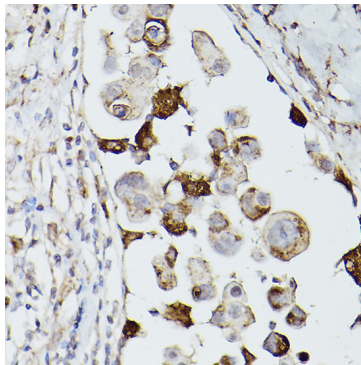
## Validation Data



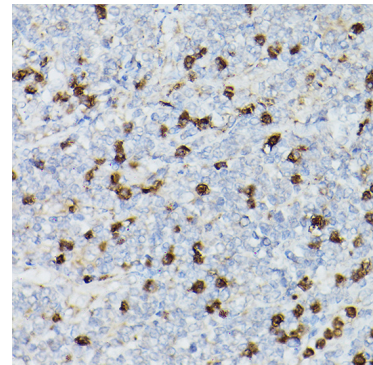
Western blot analysis of lysates from A375 cells, using CD63 Rabbit pAb (A5271) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Immunofluorescence analysis of A431 cells using CD63 Rabbit pAb (A5271) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using CD63 Rabbit pAb (A5271) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lymphoma using CD63 Rabbit pAb (A5271) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.