Leader in Biomolecular Solutions for Life Science

# CD63 Rabbit pAb

## Catalog No.: A5271

84 Publications

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## Basic Information

**Observed MW**
30-65 kDa

**Calculated MW**
26 kDa

**Category**
Polyclonal Antibodies

**Applications**
WB, IF/ICC, IHC-P, 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** | WB,1:400 - 1:2000 |
| **IF/ICC** | 1:50 - 1:100 |
| **IHC-P** | 1:50 - 1:200 |

**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

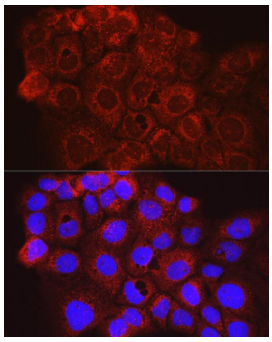
**Source**
Rabbit

**Isotype**
IgG

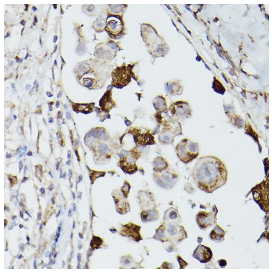
**Purity**
Affinity purification

**Storage**
Store at -20℃

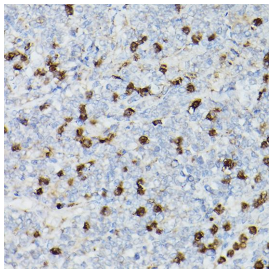
## Validation Data



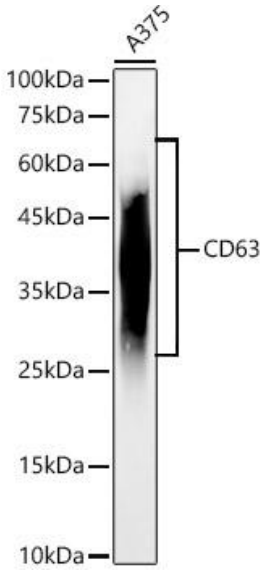
Immunofluorescence analysis of A431 cells using CD63 Rabbit pAb (A5271) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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 buffer (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 buffer (pH 6.0) prior to IHC staining.




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.