

# CD63 Rabbit Polyclonal Antibody



CAB5271

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30-60kDa

### Calculated MW:

17kDa/23kDa/25kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

967

### Uniprot

P08962

### Synonyms:

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

### Immunogen:

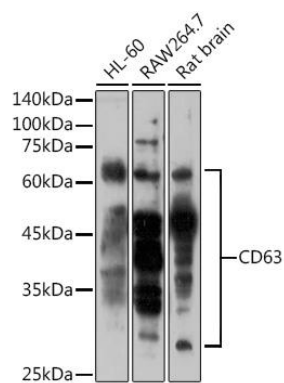
Recombinant fusion protein containing a sequence corresponding to amino acids 103-203 of human CD63 (NP\_001771.1).

### Storage:

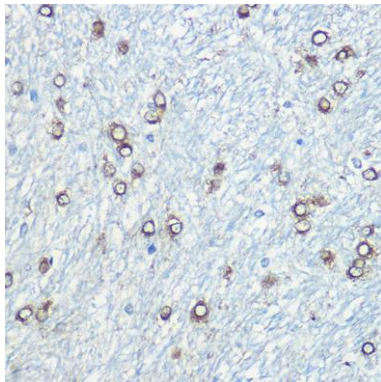
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using CD63 antibody (CAB5271) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat brain using CD63 Rabbit pAb (CAB5271) at dilution of 1:100 (40x lens).