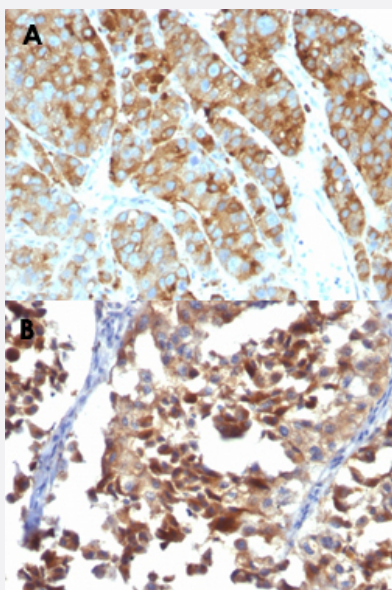


# CD63 monoclonal antibody, clone LAMP3/968

Catalog # MAB13479      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma (A) and human melanoma (B) with CD63 monoclonal antibody, clone LAMP3/968 (Cat # MAB13479).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against full length recombinant human CD63.
<b>Immunogen</b>	Recombinant protein corresponding to full length human CD63.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	26-60
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG2a, kappa

**Recommend Usage**

Flow Cytometry (0.5-1 ug/10<sup>6</sup> cells in 0.1 mL)  
Immunofluorescence (0.5-1 ug/mL)  
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)  
The optimal working dilution should be determined by the end user.

**Storage Buffer**

In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

**Storage Instruction**

Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Immunofluorescence

- Flow Cytometry

## Gene Info — CD63

**Entrez GeneID**

[967](#)

**Protein Accession#**

[P08962](#)

**Gene Name**

CD63

**Gene Alias**

LAMP-3, ME491, MLA1, OMA81H, TSPAN30

**Gene Description**

CD63 molecule

**Omim ID**

[155740](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

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. This 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. The use of alternate polyadenylation sites has been found for this gene. Alternative splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq]

**Other Designations**

CD63 antigen|CD63 antigen (melanoma 1 antigen)|granulophysin|lysosome-associated membrane glycoprotein 3|melanoma 1 antigen|melanoma-associated antigen ME491|melanoma-associated antigen MLA1|ocular melanoma-associated antigen|tetraspanin-30

**Pathway**

- [Lysosome](#)