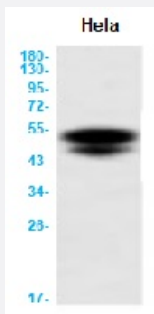


RecomAb™

# CD63 recombinant monoclonal antibody, clone R08-7C9

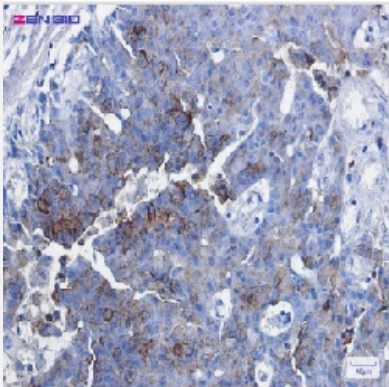
Catalog # RAB01520      Size 100 uL

## Applications



### Western Blot

Western blot analysis of CD63 in HeLa lysates using human CD63 recombinant monoclonal antibody, clone R08-7C9 (Cat # RAB01520).



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human breast cancer with CD63 recombinant monoclonal antibody, clone R08-7C9 (Cat # RAB01520).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human CD63.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human CD63
<b>Theoretical MW (kDa)</b>	Calculated MW: 26 kD
<b>Reactivity</b>	Human

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1/100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of CD63 in Hela lysates using human CD63 recombinant monoclonal antibody, clone R08-7C9 (Cat # RAB01520).

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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human breast cancer with CD63 recombinant monoclonal antibody, clone R08-7C9 (Cat # RAB01520).

## Gene Info — CD63

Entrez GeneID	<a href="#">967</a>
Protein Accession#	<a href="#">P08962</a>
Gene Name	CD63
Gene Alias	LAMP-3, ME491, MLA1, OMA81H, TSPAN30
Gene Description	CD63 molecule
Omim ID	<a href="#">155740</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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](#)