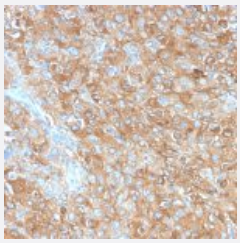
RecomAb™ Sm Size

CD63 recombinant monoclonal antibody, clone LAMP3/2990R

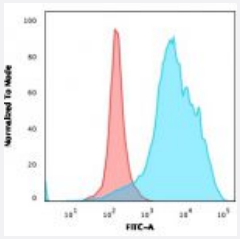
Catalog # RAB09042 Size 20 ug

Applications



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

Immunohistochemical staining of human prostate carcinoma.



Flow Cytometry

Flow cytometric analysis of U87MG cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human CD63.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human CD63.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

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Isotype	IgG
Recommend Usage	Flow Cytometry (1-2 ug/million cells) 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 and 0.05% azide)
Storage Instruction	Store at 4°C.

Applications

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

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- Flow Cytometry

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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

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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

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