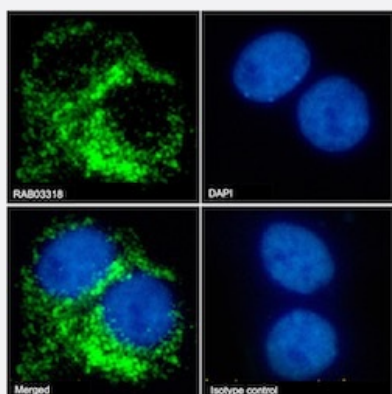


RecomAb™

CD63 recombinant monoclonal antibody, clone MOF11

Catalog # RAB03318 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of A431 cells with CD63 recombinant monoclonal antibody, clone MOF11 (Cat # RAB03318).

A431 cells on Shi-fix™ coverslips stained with the chimeric r version of RAB03318 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (2 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right- top-bottom RAB03318- DAPI- merged channels and an isotype control. The isotype control was an unknown specificity antibody (3.0) followed by staining with Alexa Fluor® 488 secondary antibody.

Specification

Product Description Mouse recombinant monoclonal antibody raised against human CD63.

Antibody Species Mouse

Immunogen Original antibody is raised against human monocytes.

Reactivity Human

Form Liquid

Isotype IgG1 kappa

Recommend Usage Flow Cytometry
Immunofluorescence
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (0.02% Proclin 300)

Storage Instruction

Store at 4°C for 3 months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence

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- Flow Cytometry

Gene Info — CD63

Entrez GeneID	967
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Gene Name	CD63
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Gene Alias	LAMP-3, ME491, MLA1, OMA81H, TSPAN30
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Gene Description	CD63 molecule
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Omim ID	155740
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Gene Ontology	Hyperlink
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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
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Pathway

- [Lysosome](#)