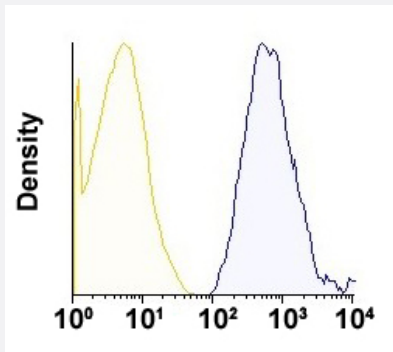


CD63 monoclonal antibody, clone TEA3/18 (CF-Blue)

Catalog # MAB15362 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of PMA-activated human peripheral blood platelets (blue histogram) and CF-Blue isotype control (yellow histogram) with CD63 monoclonal antibody, clone TEA3/18 (CF-Blue) (Cat # MAB15362).

Specification

Product Description	Mouse monoclonal antibody raised against human CD63.
Immunogen	Cell preparation of human cytochrome B enriched cells.
Host	Mouse
Theoretical MW (kDa)	53
Reactivity	Human
Form	Liquid
Conjugation	CF-Blue
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

Storage Instruction

Store in the dark at 4°C.

Note

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

Applications

Flow Cytometry

Flow cytometric analysis of PMA-activated human peripheral blood platelets (blue histogram) and CF-Blue isotype control (yellow histogram) with CD63 monoclonal antibody, clone TEA3/18 (CF-Blue) (Cat # MAB15362).

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