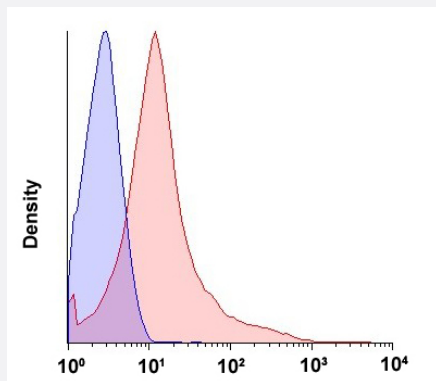


CD63 monoclonal antibody, clone TEA3/18 (APC)

Catalog # MAB15359 Size 5 x 100 reactions

Applications



Flow Cytometry

Flow cytometric analysis of PMA-activated human peripheral blood platelets (red histogram) and non-activated (blue histogram) with CD63 monoclonal antibody, clone TEA3/18 (APC) (Cat # MAB15359).

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 APC

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 (red histogram) and non-activated (blue histogram) with CD63 monoclonal antibody, clone TEA3/18 (APC) (Cat # MAB15359).

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](#)