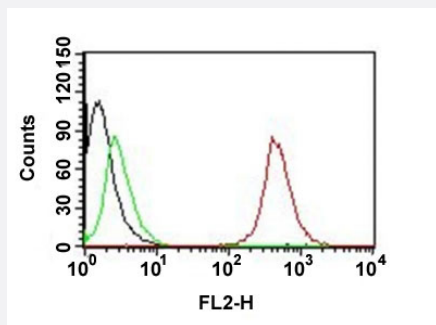


CD63 monoclonal antibody, clone NKI/C3 (PE)

Catalog # MAB14213 Size 500 uL

Applications



Flow Cytometry

Flow cytometric analysis of MCF-7 cell with CD63 monoclonal antibody, clone NKI/C3 (PE) (Cat # MAB14213) (red). Black: cells alone. Green: isotype control.

Specification

Product Description	Mouse monoclonal antibody raised against native human CD63.
Immunogen	Smooth plasma membrane fraction of MeWo cells.
Host	Mouse
Theoretical MW (kDa)	26-60
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 uL/test/million cells in 0.1 mL or 5 uL/100 uL of whole blood) Immunofluorescence (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

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

Applications

- Immunofluorescence

- Flow Cytometry

Flow cytometric analysis of MCF-7 cell with CD63 monoclonal antibody, clone NK1/C3 (PE) (Cat # MAB14213) (red). Black: cells alone. Green: isotype control.

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](#)