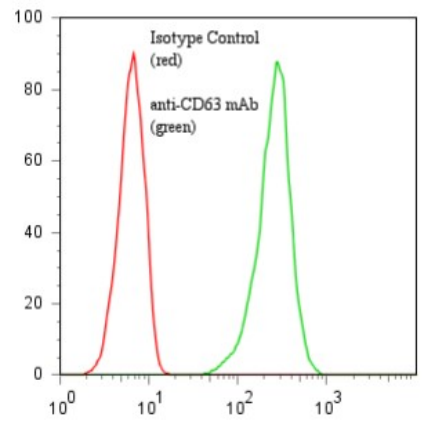
CD63 monoclonal antibody, clone AHN16.1/46-4-5

Catalog # MAB6919 Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of HPB-MLT cells with CD63 monoclonal antibody, clone AHN16.1/46-4-5 (Cat # MAB6919).

Specification

Product Description	Mouse monoclonal antibody raised against native CD63.
Immunogen	Native purified CD63 from human eosinophils.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 100 mM potassium Chloride, 150 mM NaCl, pH 7.5 (0.5 mg/mL gentamicin sulfate)
Storage Instruction	Store at 4°C.

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Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Flow cytometric analysis of HPB-MLT cells with CD63 monoclonal antibody, clone AHN16.1/46-4-5 (Cat # MAB6919).
- Immunoprecipitation

Gene Info — CD63

Entrez GeneID	967
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 a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y 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 prot ein 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 syndro me. Also this gene has been associated with tumor progression. The use of alternate polyadenyla tion sites has been found for this gene. Alternative splicing results in multiple transcript variants en coding different proteins. [provided by RefSeq
Other Designations	CD63 antigen|CD63 antigen (melanoma 1 antigen)|granulophysin|lysosome-associated membra ne glycoprotein 3|melanoma 1 antigen|melanoma-associated antigen ME491|melanoma-associat ed antigen MLA1|ocular melanoma-associated antigen|tetraspanin-30

Publication Reference

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- Specific association of CD63 with the VLA-3 and VLA-6 integrins.

  Berditchevski F, Bazzoni G, Hemler ME.

  The Journal of Biological Chemistry 1995 Jul; 270(30):17784.

  Application: IF, IP, Human, HT-1080 cells

Pathway

- Lysosome

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