

Anti-CD63 Antibody [MX-49.129.5] (PE) (A251169)

Specifications:

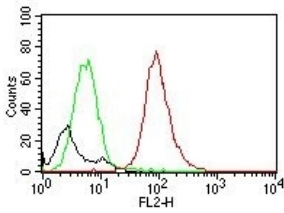
Name:	Anti-CD63 Antibody [MX-49.129.5] (PE)
Description:	Mouse monoclonal [MX-49.129.5] antibody to CD63 (PE).
Specificity:	This antibody recognizes protein of 26kDa-60kDa, which is identified as CD63. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 is a lysosomal membrane glycoprotein that translocates to the plasma membrane after platelet activation. CD63 is expressed on activated platelets, monocytes and macrophages, and is weakly expressed on granulocytes, T cell and B cells. It is located on the basophilic granule membranes and on the plasma membranes of lymphocytes and granulocytes. CD63 is a member of the TM4 superfamily of leukocyte glycoproteins that includes CD9, CD37 and CD53, which contain four transmembrane regions. CD63 may play a role in phagocytic and intracellular lysosome-phagosome fusion events. CD63 deficiency is associated with Hermansky-Pudlak syndrome and is strongly expressed during the early stages of melanoma progression.
Applications:	Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 5 µl / million cells or 5 µl / 100 µl whole blood, IF: 1:50-1:100
Reactivity:	Human, Mouse
Immunogen:	full-length human CD63 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	MX-49.129.5
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	PE
Purification:	Protein A/G chromatography.
Concentration:	100 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Store at 4-8°C. Antibody is stable for 24 months.

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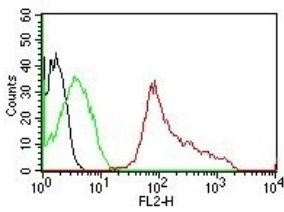
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Flow cytometric analysis of NIH/3T3 cells labeling CD63 with Anti-CD63 Antibody [MX-49.129.5] (PE) (Red). Cells alone (Black). Isotype Control (Green).



Flow cytometric analysis of human PBMC cells labeling CD63 with Anti-CD63 Antibody [MX-49.129.5] (PE) (Red). Cells alone (Black). Isotype Control (Green).