

36-1961: Monoclonal Antibody to CD63 (Late Endosomes Marker)(Clone : MX-49.129.5)-PE

Clonality :	Monoclonal
Clone Name :	MX-49.129.5
Application :	FACS,IF
Reactivity :	Human, Mouse
Conjugate :	PE
Gene :	CD63
Gene ID :	967
Uniprot ID :	P08962
Format :	Purified
Alternative Name :	CD63,MLA1,TSPAN30
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Full length CD63 of human origin

Description

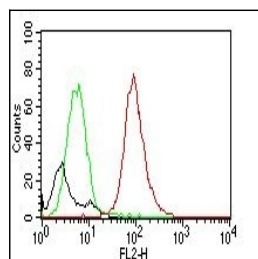
This MAbs recognizes protein of 26kDa-60kDa, which is identified as CD63. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 is a lysosomal 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.

Product Info

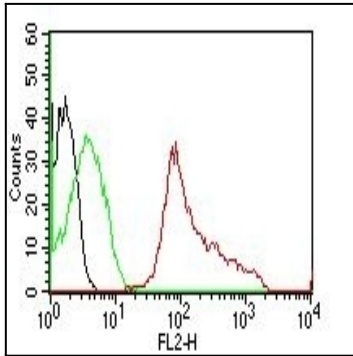
Amount :	0.5 ml
Purification :	Affinity Chromatography
Content :	PE conjugated CD63 Prepared in 10mM PBS with 0.05% BSA and 0.05% azide.
Storage condition :	Store the antibody at 4°C; stable for 6 months.

Application Note

Flow Cytometry (5ul per test per one million cells or 5ul per 100ul of whole blood);Immunofluorescence (1:50-1:100);



Flow Cytometry of mouse CD63 on NIH/3T3 Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled CD63 Monoclonal Antibody (MX-49.129.5).



Flow Cytometry of CD63 on human PBMC Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled CD63 Monoclonal Antibody (MX-49.129.5).