

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

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

### Description

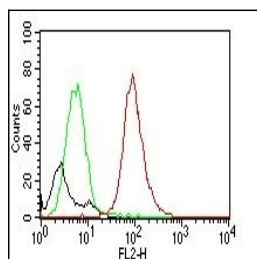
This MA b recognizes protein of 26kDa-60kDa, which is identified as CD63. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 is a lysosomal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

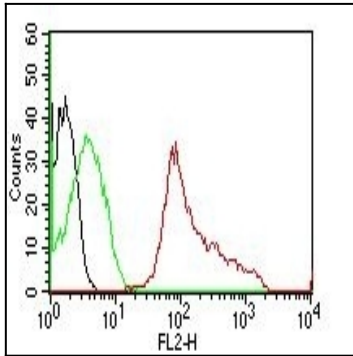
<b>Amount :</b>	0.5 ml
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	PE conjugated CD63 Prepared in 10mM PBS with 0.05% BSA and 0.05% azide.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months.

### 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).