

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-1959: Monoclonal Antibody to CD63 (Late Endosomes Marker)(Clone: SPM524)-PE

Clonality: Monoclonal
Clone Name: SPM524
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: Smooth plasma membrane fraction of MeWo cells

Description

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

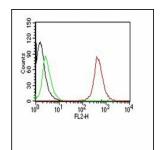
Purification: Affinity Chromatography

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 human CD63 on MCF-7 Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled CD63 Monoclonal Antibody (SPM524).