

## CD63 monoclonal antibody

Catalog: MB65799

Host: Mouse

Reactivity: Human

### BackGround:

CD63 belongs to the tetraspanin family, which is characterized by four transmembrane domains, one short extracellular domain (ECL1), and one long extracellular domain (ECL2). Tetraspanins interact with a variety of cell surface proteins and intracellular signaling molecules in specialized tetraspanin-enriched microdomains (TEMs) where they mediate a range of processes, including adhesion, motility, membrane organization, and signal transduction. CD63, like other tetraspanins, is enriched in exosomes. It is also a component of Weibel-Palade bodies found in endothelial cells. Research studies demonstrate several functions of CD63 in different cell types, including roles in mast cell degranulation, VEGF signaling in endothelial cells, recruitment of leukocytes to endothelial cells, and endosomal sorting during melanogenesis.

### Product:

Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

### Molecular Weight:

~ 25 kDa

### Swiss-Prot:

P08962

### Purification&Purity:

The monoclonal antibody was affinity-purified from

mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IF (1/50 - 1/200)

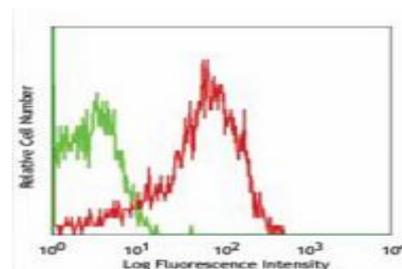
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes human CD63

### DATA:



Flow cytometric analysis of human platelets using Anti-CD63 Antibody, followed by anti-mouse IgG PE.

### Note:

For research use only, not for use in diagnostic procedure.

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