

CD62P monoclonal antibody

Catalog: MB65798

Host: Mouse

Reactivity: Human

BackGround:

CD62P/P-Selectin is a type-I transmembrane glycoprotein that is largely expressed and stored in intracellular granules by resting platelets, megakaryocytes, and vascular endothelial cells. The restricted expression pattern of CD62P/P-Selectin positions this molecule as a key regulator of hemostasis, thrombosis, and inflammation. Platelets and endothelial cells that become activated in response to proinflammatory cytokines express CD62P/P-Selectin on the cell surface, which serves as an adhesion receptor to facilitate recruitment of leukocytes to sites of inflammation. CD62P/P-Selectin has also been implicated in cancer cell metastasis by promoting the adhesion of tumor cells in circulation to activated platelets and endothelial cells .

Product:

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

Molecular Weight:

~ 25 kDa

Swiss-Prot:

P16109

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:

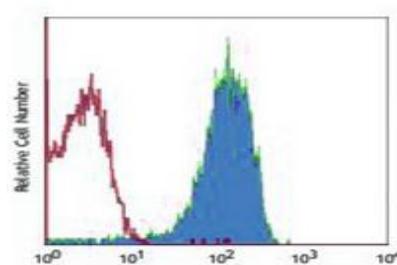
IF (1/50 - 1/200)

Storage&Stability:

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

Specificity:

Recognizes human CD62P

DATA:

Flow cytometric analysis of human platelets treated with Thrombin using Anti-CD62P Antibody, followed by anti-mouse IgG PE.

Note:

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

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