

Datasheet

SELP monoclonal antibody, clone AK4 (PE)

Catalog Number: MAB10241

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against of SELP.

Clone Name: AK4

Immunogen: Human platelets.

Host: Mouse

Theoretical MW (kDa): 140

Reactivity: Human, Non-Human Primates

Applications: Flow Cyt, Func, ICC, IP, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: SELP, a single chain type I transmembrane glycoprotein present in secretory alpha-granules in platelets, in Weibel-Palade bodies in endothelial cells and in megakaryocytes; it is relocated to the plasma membrane upon activation.

Form: Liquid

Conjugation: PE

Purification: Size-exclusion chromatography purification

Isotype: IgG1

Recommend Usage: Flow Cytometry (20 uL reagent/100 uL of whole blood or 10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.2% BSA, 0.09% sodium azide)

Storage Instruction: Store at 4°C. Do not freeze.

Entrez GeneID: 6403

Gene Symbol: SELP

Gene Alias: CD62, CD62P, FLJ45155, GMP140, GRMP, LECAM3, PADGEM, PSEL

Gene Summary: This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented. [provided by RefSeq]