OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SM2261RT

CD62P (SELP) Mouse Monoclonal Antibody [Clone ID: Psel.KO.2.7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Psel.KO.2.7
Applications:	FC
Recommended Dilution:	**Flow Cytometry:** Use 10 µl of Neat-1/5 diluted antibody to label 10^6 cells in 100 µl.
Reactivity:	Bovine, Equine, Feline, Goat, Human, Mouse, Rat, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	P-selectin transfected 300.19 cells.
Specificity:	This antibody recognises the CD62P cell surface antigen, a 140kD glycoprotein also known as P-Selectin.
Formulation:	PBS Label: PE State: Liquid purified IgG fraction from Tissue Culture Supernatant Stabilizer: 1% BSA, 5% Sucrose Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE) Absorption emission: 488nm / 575nm
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Store undiluted at 2-8°C. **DO NOT FREEZE!** This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	selectin P
Database Link:	Entrez Gene 6403 Human P16109

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Background: CD62P (P-selectin) is an adhesion glycoprotein that is expressed on platelets and endothelial cells upon their activation. Interaction between CD62P and its mucin-like ligand PSGL-1 (P-selectin glycoprotein ligand-1) expressed on the microvilli of most leukocytes supports leukocyte rolling along postkapillary venules at the earliest time of inflammation. Both CD62P and PSGL-1 are extended glycoproteins that form homodimers. CD62P dimerization is probably mediated through interactions of the transmembrane domains and stabilizes leukocyte tethering and rolling, probably by increasing rebinding within a bond cluster

Synonyms: SELP, GMRP, GRMP, PADGEM, GMP-140, LECAM3