

Product datasheet for **AM32328RP-N**

CD62P (SELP) Mouse Monoclonal Antibody [Clone ID: CRC81]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CRC81
Recommended Dilution:	Flow Cytometry: 1 µg is the maximum amount of reagent required for 1 x 10 ⁶ cells. For studies on platelets care should be taken to avoid activation of platelets during drawing of blood. Platelet activation markers are weakly expressed on platelets prepared from directly fixed normal blood. The expression is max. on thrombin (1 U/ml) stimulated, washed platelets. Fix cells or platelets with 1% paraformaldehyde, wash and adjust to approx. 10 ⁸ /ml for further incubations.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human platelets
Specificity:	The monoclonal antibody is directed against the CD62-antigen.
Formulation:	Label: PE State: Liquid purified Ig fraction Stabilizer: 0,9% BSA Absorption emission: 488 nm / 575 nm
Conjugation:	PE
Storage:	Store the antibody 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:	<u>Entrez Gene 6403 Human P16109</u>



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Background: CD62, an integral membrane sialoglycoprotein 140 kD, also designated GMP-140 (granule membrane protein 140) or PADGEM, which is expressed in platelet alpha granules that are translocated to the platelet surface upon activation with strong agonists. A similar protein, present in endothelial cell Weibel-Palade bodies, is transiently expressed on the surface of activated endothelial cells and functions as adhesion molecule for granulocytes. The antibody does not interfere with the functional activity of CD62 as an adhesion receptor for neutrophils.

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