

Rat anti-Mouse CD162 Monoclonal Antibody | anti-CD162 antibody

Anti-Mouse CD162 Monoclonal Antibody (AF488 Conjugated) [4RA10]

CATALOG # AAA174738	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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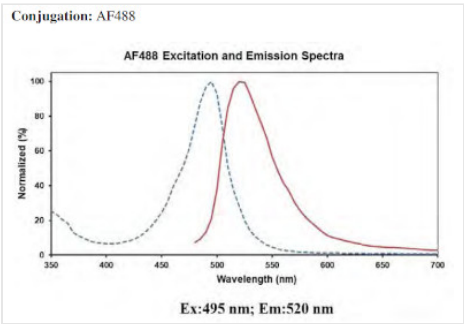
PRODUCT SYNONYMS

CD162; Monoclonal Antibody; Anti-Mouse CD162 Monoclonal Antibody (AF488 Conjugated) [4RA10]; P-selectin glycoprotein ligand 1; Selp1g; PSGL-1; Selectin P ligand; anti-CD162 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	4RA10
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Concentration	0.5 mg/mL (varies by lot)
Sequence Length	397
Applicable Applications for anti-CD162 antibody	FCM/FACS (Flow Cytometry)
Conjugation	AF488
Isotype Control	AF488 Rat IgG1, k Isotype Control[HRPN]
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Shipping: Biological ice pack at 4 degree C Stability & Storage: Keep as concentrated solution. Store at 2~8 degree C and protected from prolonged exposure to light. Do not freeze. This product is guaranteed up to one year from purchase.

IMAGES



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-CD162 antibody	The 4RA10 antibody reacts with the N-terminal functional peptide of CD162 (P-selectin glycoprotein ligand-1, PSGL-1), encoded by the Selpl gene. PSGL-1 is expressed on the cell surface as a homodimer of approximately 230 kDa. In the mouse, Selpl mRNA is detected in most tissues, with high levels found in hematopoietic cells, brain, and adipose tissue. Flow cytometric analyses have revealed CD162 expression on bone marrow-derived mast and dendritic cells, splenic leukocytes, platelets, peripheral blood neutrophils, and neutrophil and T-cell lines. PSGL-1 is a ligand for P-selectin (CD62P) and is involved in leukocyte rolling, the migration of leukocytes into inflamed tissues, and responses to vascular injury. It is a sialomucin that must be specifically sialylated, fucosylated, and sulfated to bind P-selectin. There is also evidence that other ligands for PSGL-1 and CD62P may exist. 4RA10 mAb is reported to block the binding of mouse leukocytes to CD62P and CD62L.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341942014
NCBI GeneID	20345
UniProt Accession #	Q62170
NCBI Official Full Name	P-selectin glycoprotein ligand 1
NCBI Official Synonym Full Names	selectin, platelet (p-selectin) ligand
NCBI Official Symbol	Selplg
NCBI Official Synonym Symbols	CD162; Psgl1; Selp1; Selpl; Psgl-1
NCBI Protein Information	P-selectin glycoprotein ligand 1
UniProt Protein Name	P-selectin glycoprotein ligand 1
UniProt Gene Name	Selplg
UniProt Synonym Gene Names	Selp1; Selpl; PSGL-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd162-antibody-clone-4ra10-flow-cytometry-elisa/174738>