BioVision

05/16

For research use only

PSGL-1 Antibody

CATALOG NO: 6657 -30T 30 µg (Trial size)
6657-100 100 µg

ALTERNATE NAMES: PSGL, CD162, SELPLG, CLA, CD162, PSGL1, Selectin P ligand.

HOST: Rabbit

IMMUNOGEN: Synthetic peptide near C-terminal

INTERNAL ID: BV-L31-32

PURIFICATION: Affinity purified rabbit IgG

FORM: Liquid

FORMULATION: 0.5 mg/ml of antibody in PBS pH 7.2, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol

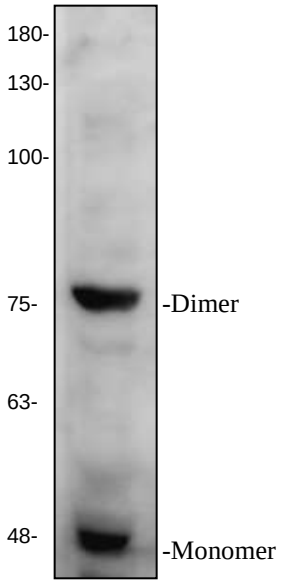
SPECIES REACTIVITY: Human, mouse and rat

STORAGE CONDITIONS: Store at -20°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: PSGL-1 (P-Selectin glycoprotein ligand, also designated CD162), exists as a disulfide-linked homodimer. PSGL-1 is a type 1 membrane protein that localizes on the tips of microvilli of leukocytes. Its extracellular domain is rich in serines, threonines and prolines, and includes a series of 15 and 16 decameric repeats in HL-60 and U-937 cells, and human leukocytes, respectively. Although PSGL-1 appears to be the sole receptor for P-Selectin on human hematopoietic cells, it also interacts with E-Selectin through a unique binding site. In order to bind PSGL-1 to either E-Selectin or P-Selectin, PSGL-1 must be sialylated and fucosylated. PSLG-1 is a mucin-like molecule, much like leukosialin (CD43), CD164 and CD34. These proteins belong to an emerging family of cell adhesion receptors called sialomucins, which transduce negative signals in hematopoietic cells.

APPLICATION: Western blot: 1-4 µg/ml. Other applications have not been determined.

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot of PSGL-1/CD162 antibody with Jurkat cell lysate

RELATED PRODUCTS:

- PSGL-1 Blocking Peptide **(Cat. No. 6657BP-50)**
- P-Selectin Antibody **(Cat. No. 3633R-100)**
- P-Selectin Blocking Peptide **(Cat. No. 3633RBP-50)**
- E-Selectin Antibody **(Cat. No. 3631-100)**
- E-Selectin Blocking Peptide **(Cat. No. 3631BP-50)**
- L-Selectin Antibody **(Cat. No. 3632-100)**
- Human CellExp™ CD62E/E-Selectin, human recombinant **(Cat. No. 7434-20, -100)**

FOR RESEARCH USE ONLY! Not to be used on humans.

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