bsm-61840R **[Primary Antibody]**

PSGL-1/CD162 Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 11D2
GeneID: 6404
SWISS: Q14242
Target: PSGL-1/CD162

Immunogen: A synthesized peptide derived from human PSGL 1: 1-65/412.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture.

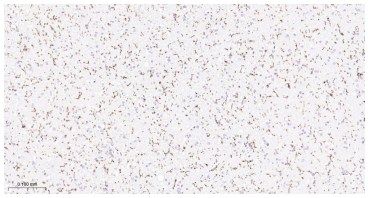
Applications: **IHC-P** (1:50-200)
IHC-F (1:50-200)
IF (1:50-200)
Flow-Cyt (1ug/Test)
ICC/IF (1:50-200)
IP (1:20-50)

Reactivity: Human

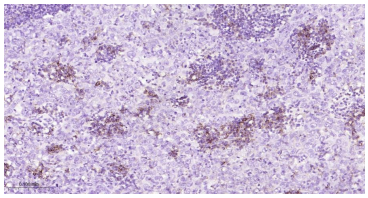
Predicted MW.: 43

Subcellular Location: Cell membrane

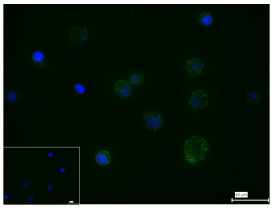
VALIDATION IMAGES



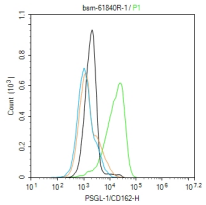
Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PSGL-1/CD162 Monoclonal Antibody, Unconjugated(bsm-61840R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PSGL-1/CD162 Monoclonal Antibody, Unconjugated(bsm-61840R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Jurkat (H) cell; Antibody incubation with (PSGL-1/CD162) monoclonal Antibody, unconjugated (bsm-61840R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Jurkat(H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-PSGL-1/CD162 antibody (bsm-61840R): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-40295G-FITC): 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.