bsm-43626M **[Primary Antibody]**

CD62p Mouse mAb

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DATASHEET

Host: Mouse
Isotype: IgG
Clonality: Monoclonal
CloneNo.: 10F9
GeneID: 6403
SWISS: P16109
Target: CD62p
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background: This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented. [provided by RefSeq, Jul 2008]

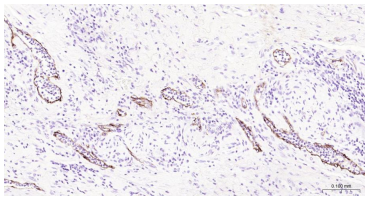
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1μg/Test)
ICC/IF (1:50-200)

Reactivity: Human

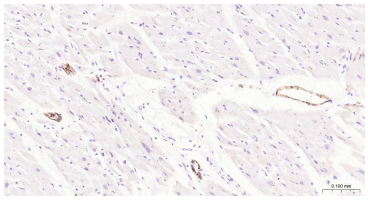
Predicted MW.: 88 kDa

Subcellular Location: Cell membrane

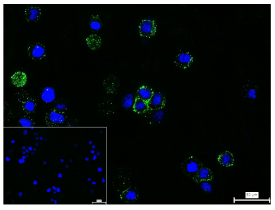
VALIDATION IMAGES



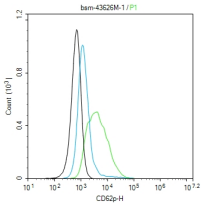
Paraformaldehyde-fixed, paraffin embedded Human esophageal cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD62p Monoclonal Antibody, Unconjugated(bsm-43626M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD62p Monoclonal Antibody, Unconjugated(bsm-43626M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Hel 92.1.7 (H) cell; Antibody incubation with (CD62p) monoclonal Antibody, unconjugated (bsm-43626M) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-60296G-BF488) 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 Hel92.1.7 (H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Mouse Anti-CD62p antibody (bsm-43626M): 1 μg/10^6 cells; Secondary Antibody (white blue): Goat anti-Mouse IgG-BF488 (bs-60296G-BF488): 1 μg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.