

BF488 Mouse Anti-Human CD62P

Purified BF488-conjugated Recombinant Mouse Monoclonal Antibody

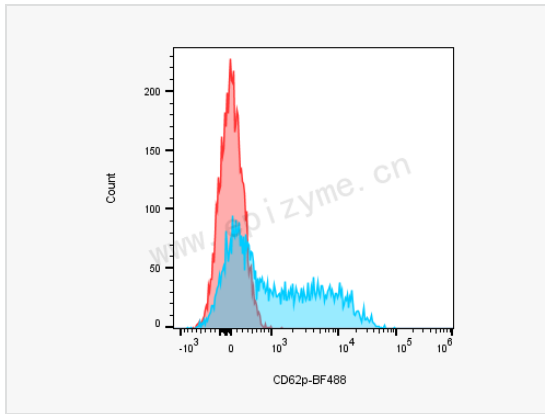
Catalog # F106706

Product Information

Application	FC
Recommended Usage	5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood.
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	85T17R35
Isotype	IgG1, κ
Label	BF488 (Ex/Em: 494/517 nm)
Immunogen	Recombinant protein of human CD62P
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.
Precautions	BF488 Mouse Anti-Human CD62P [85T17R35] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD62P; GMRP; GRMP; SELP; P-selectin; CD62 antigen-like family member P; Granule membrane protein 140; Leukocyte-endothelial cell adhesion molecule 3; Platelet activation dependent granule-external membrane protein; GMP-140; LECAM3; PADGEM.
Uniprot ID	P16109
Gene ID	6403
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]
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.



Typical flow-cytometry histograms of human peripheral-blood lymphocytes stained with Anti-CD62p-BF488 (F106706) (blue) superimposed with unstained control (red).