SELE

Mouse Anti-Human E-Selectin/CD62E Clone B-P7 Azide Free Capture mAb

Catalog No.	CDM398	**Quantity:**	1.0 mg
Alternate Names:	ELAM; ESEL; CD62E; ELAM1; LECAM2		
Description:	Mouse Anti-Human E-Selectin/CD62E Clone B-P7 Azide Free Capture mAb Background: Selectin E, also known as CD62E, is found in cytokine-stimulated endothelial cells and is thought to be responsible for the accumulation of blood leukocytes at sites of inflammation by mediating the adhesion of cells to the vascular lining. It exhibits structural features such as the presence of lectin- and EGF-like domains followed by short consensus repeat (SCR) domains that contain 6 conserved cysteine residues. These proteins are part of the selectin family of cell adhesion molecules. Adhesion molecules participate in the interaction between leukocytes and the endothelium and appear to be involved in the pathogenesis of atherosclerosis.		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	6401		
Specificity:	Recognizes the Endothelial Leucocyte Adhesion Molecule-1 (ELAM-1), E-Selectin, a 97 kDa protein		
Host:	Mouse		
Immunogen:	Activated human umbilical vein endothelial cells (HUVEC)		
Isotype:	IgG1		
Clone:	B-P7		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Liquid in PBS. Sterile-filtered through 0.22 µm. Carrier and Preservative free		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This antibody can be used as a Capture Antibody in a human CD62E sandwich Immunoassay to detect human CD62E in combination with biotinylated human CD62E Detection Antibody (Cat No CDM422). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 2.5-5 µg/ml		
Storage & Stability:	Store at 2-4°C for 12 months. For longer storage, freeze aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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