

## SELE

### Mouse Anti-Human E-Selectin/CD62E Clone B-S3 Biotin Detection mAb

<b>Catalog No.</b>	CDM422	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	ELAM; ESEL; CD62E; ELAM1; LECAM2		
<b>Description:</b>	Mouse Anti-Human E-Selectin/CD62E Clone B-S3 Biotin Detection 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.		
<b>Concentration:</b>	0.1 mg / 1.0 ml		
<b>Gene ID:</b>	6401		
<b>Specificity:</b>	Recognizes the Endothelial Leucocyte Adhesion Molecule-1 (ELAM-1), E-Selectin, a 97 kDa protein		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Activated human endothelial cells		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	B-S3		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c spleen cells		
<b>Formulation:</b>	Phosphate-buffered saline. With 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	ELISA Detection Antibody. This antibody can be used as a Detection Antibody in a human E-Selectin/CD62E sandwich immunoassay to detect human E-Selectin/CD62E in combination with human E-Selectin/CD62E Capture Antibody (Cat No CDM398). The suggested coating concentration range below should be optimized by each laboratory for each application.		
<b>Application Notes:</b>	ELISA: 0.05-0.5 µg/ml		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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