SELE
Mouse Anti-Human E-Selectin/CD62E Clone 9E7 mAb

Catalog No.	CMS100	**Quantity:**	100 µg
Alternate Names:	Endothelial Adhesion Molecule 1, CD62E, ELAM, ELAM1, ESEL, LECAM2		
Gene ID:	6401		
Description:	Mouse Anti-Human E-Selectin/CD62E monoclonal antibody clone 9E7 E-Selectin 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 domains that contain 6 conserved cysteine residues. E-Selectin is a 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.		
Specificity:	Recognizes Human E-Selectin/CD62E		
Host:	Mouse		
Immunogen:	Recombinant Human E-Selectin/CD62E		
Isotype:	IgG2		
Clone:	9E7		
Formulation:	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
Purification:	Protein G affinity chromatography		
Reconstitution:	**Centrifuge vial prior to opening**. Add 500 µl sterile PBS to the vial to fully solubilize the antibody to a concentration of 200 µg/ml.		
Cross-Reactivity:	No cross-reactivity to ICAM and VCAM		
Applications:	Western Blot, Immunohistochemistry		
Application Notes:	For Western Blot, use a working dilution of 1:500-2000. For Immunohistochemistry (Paraffin sections), use a working dilution of 1:50-200. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Lyophilized antibody is stable for 2 years from date of receipt when stored at -80°C. Reconstituted antibody can be aliquoted and stored frozen at -20°C to -80°C for at least six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles**.		

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