

Datasheet: MCA1969B

Description:	MOUSE ANTI HUMAN CD62E:Biotin
Specificity:	CD62E
Other names:	E-SELECTIN
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	CL2/6
Isotype:	IgG2a
Quantity:	100 TESTS

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	■			
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA			■	
Western Blotting			■	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to Biotin - liquid
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
External Database Links	UniProt: P16581 Related reagents Entrez Gene: 6401 SELE Related reagents
Synonyms	ELAM1

Specificity **Mouse anti Human CD62E antibody, clone CL2/6** recognizes human CD62E, a member of the selectin family which is expressed on endothelial cells at sites of inflammation.

Mouse anti Human CD62E antibody, clone CL2/6 has been shown to inhibit the binding of human neutrophils to stimulated HUVECS.

Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
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References	1. Abbassi, O. <i>et al.</i> (1993) E-selectin supports neutrophil rolling <i>in vitro</i> under conditions of flow. J Clin Invest. 92 (6): 2719-30. 2. Kishimoto, T.K. <i>et al.</i> (1991) Antibodies against human neutrophil LECAM-1 (LAM-1/Leu-8/DREG-56 antigen) and endothelial cell ELAM-1 inhibit a common CD18-independent adhesion pathway <i>in vitro</i>. Blood. 78: 805-11. 3. Marin, C. <i>et al.</i> (2011) Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. Am J Clin Nutr. 93: 267-74. 4. Rius, C. <i>et al.</i> (2010) Trans- but not cis-resveratrol impairs angiotensin-II-mediated vascular inflammation through inhibition of NF-κB activation and peroxisome proliferator-activated receptor-gamma upregulation. J Immunol. 185: 3718-27. 5. Wassmer, S.C. <i>et al.</i> (2011) Vascular endothelial cells cultured from patients with cerebral or uncomplicated malaria exhibit differential reactivity to TNF. Cell Microbiol. 13: 198-209. 6. Nieuwland, R. <i>et al.</i> (2000) Cellular origin and procoagulant properties of microparticles in meningococcal sepsis. Blood. 95: 930-5. 7. Lo, C. Y. <i>et al.</i> (2013) The use of surface immobilization of P-selectin glycoprotein ligand-1 on mesenchymal stem cells to facilitate selectin mediated cell tethering and rolling Biomaterials. 34 (33): 8213-22.
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Storage	Store at +4°C or at -20°C if preferred.
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This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10058 available at: 10058: https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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