

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	<p>UniProt: P16581 Related reagents</p> <p>Entrez Gene: 6401 SELE Related reagents</p>
Synonyms	ELAM1
RRID	AB_2186826

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 10⁶ cells in 100ul.

References

1. Abbassi, O. *et al.* (1993) E-selectin supports neutrophil rolling *in vitro* under conditions of flow. [J Clin Invest. 92 \(6\): 2719-30.](#)
2. Kishimoto, T.K. *et al.* (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 *in vitro*. [Blood. 78: 805-11.](#)
3. Marin, C. *et al.* (2011) Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. [Am J Clin Nutr. 93: 267-74.](#)
4. Rius, C. *et al.* (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. *et al.* (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. *et al.* (2000) Cellular origin and procoagulant properties of microparticles in meningococcal sepsis. [Blood. 95: 930-5.](#)
7. Lo, C. Y. *et al.* (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.](#)

Storage Store at +4°C or at -20°C if preferred.

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10058 available at: 10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

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

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

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