

Datasheet: MCA1969F

BATCH NUMBER 030915A

Description:	MOUSE ANTI HUMAN CD62E:FITC
Specificity:	CD62E
Other names:	E-SELECTIN
Format:	FITC
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	▪			

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 Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Buffer Solution	TRIS buffered saline		
Preservative	0.02% Sodium Azide		
Stabilisers	1% Bovine Serum Albumin		

External Database Links

UniProt:

[P16581](#)

[Related reagents](#)

Entrez Gene:

Synonyms	ELAM1
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RRID	AB_323219
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Specificity	<p>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.</p> <p>Mouse anti Human CD62E antibody, clone CL2/6 has been shown to inhibit the binding of human neutrophils to stimulated HUVECS.</p>
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Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
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References	<ol style="list-style-type: none">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	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Guarantee	12 months from date of despatch
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Health And Safety Information	<p>Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/MCA1969F</p> <p>10058</p>
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Regulatory

For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL:FITC \(MCA929F\)](#)

Recommended Useful Reagents

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

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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