

Datasheet: MCA1969F

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 product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product 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
Preparation	Antibody purified from tissue culture supernatant		
Buffer Solution	TRIS buffered saline		
Preservative Stabilisers	0.02% sodium azide (NaN ₃)		
	1% bovine serum albumin		
External Database Links	UniProt: P16581 Related reagents		

Entrez Gene:[6401](#) SELE [Related reagents](#)

Synonyms	ELAM1
RRID	AB_323219
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>
Flow Cytometry	Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl
References	<ol style="list-style-type: none">1. 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: 805-11.2. 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): 2719-30.3. Nieuwland, R. <i>et al.</i> (2000) Cellular origin and procoagulant properties of microparticles in meningococcal sepsis. Blood. 95: 930-5.4. 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. Marin, C. <i>et al.</i> (2011) Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. Am J Clin Nutr. 93: 267-74.6. 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: 198-209.7. 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.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/MCA1969F 10058

Related Products

Recommended Negative Controls

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

Recommended Useful Reagents

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

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M423280:231011'

Printed on 18 Jan 2024