

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 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: 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 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. This product is photosensitive and should be protected from light.

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.

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 Negative Controls

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

Recommended Useful Reagents

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

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

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