

## Datasheet: MCA1969

**BATCH NUMBER 150081**

<b>Description:</b>	MOUSE ANTI HUMAN CD62E
<b>Specificity:</b>	CD62E
<b>Other names:</b>	E-SELECTIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	CL2/6
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.1 mg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/20
Immunohistology - Frozen	▪			0.5ug/ml - 2.0ug/ml
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml

<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P16581</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">6401</a> SELE <a href="#">Related reagents</a>
<b>Synonyms</b>	ELAM1
<b>RRID</b>	AB_2186827
<b>Specificity</b>	<p><b>Mouse anti Human CD62E antibody, clone CL2/6</b> 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>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Abbassi, O. <i>et al.</i> (1993) E-selectin supports neutrophil rolling <i>in vitro</i> under conditions of flow. <a href="#">J Clin Invest. 92 (6): 2719-30.</a></li> <li>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>. <a href="#">Blood. 78: 805-11.</a></li> <li>3. Marin, C. <i>et al.</i> (2011) Mediterranean diet reduces endothelial damage and improves the regenerative capacity of endothelium. <a href="#">Am J Clin Nutr. 93: 267-74.</a></li> <li>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. <a href="#">J Immunol. 185: 3718-27.</a></li> <li>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. <a href="#">Cell Microbiol. 13: 198-209.</a></li> <li>6. Nieuwland, R. <i>et al.</i> (2000) Cellular origin and procoagulant properties of microparticles in meningococcal sepsis. <a href="#">Blood. 95: 930-5.</a></li> <li>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 <a href="#">Biomaterials. 34 (33): 8213-22.</a></li> </ol>
<b>Storage</b>	<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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch

**Health And Safety Information**      Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA1969>  
10040

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**Regulatory**                      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)      [RPE](#)  
Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)  
Goat Anti Mouse IgG (STAR76...)      [RPE](#)  
Rabbit Anti Mouse IgG (STAR13...)      [HRP](#)  
Goat Anti Mouse IgG (STAR70...)      [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@550](#),  
[DyLight@650](#), [DyLight@680](#), [DyLight@800](#),  
[FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...)      [FITC](#)  
Goat Anti Mouse IgG (STAR77...)      [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

### Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://www.bio-rad-antibodies.com/datasheets)  
'M366024:200529'

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