

Datasheet: MCA6275B

BATCH NUMBER 100005429

Description:	MOUSE ANTI HUMAN CD62P:Biotin
Specificity:	CD62P
Other names:	P--selectin
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	A05-6A1
Isotype:	IgG2b
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1.0 ug/ml

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 Biotin - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	HEK293 derived recombinant human full length CD62P (Met1- Ala771)

External Database Links	UniProt: P16109 Related reagents Entrez Gene: 6403 SELP Related reagents
Synonyms	GMRP, GRMP
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CD62P antibody, clone A05-6A1, recognizes CD63P, also known as P-Selectin, granule membrane protein 140, LECAM and PADGEM. CD62P is a member of the Selectin family of proteins which are transmembrane Ca²⁺-dependent lectins that mediate adhesion of leukocytes, platelets and the endothelium during inflammation and immune surveillance (McEver 2015).</p> <p>CD62P is expressed by megakaryocytes and endothelial cells and is stored in membranes of α-granules of platelets and Weibel-Palade bodies of endothelial cells. In humans CD62P can also be secreted as a molecule lacking the transmembrane domain. Increased levels of soluble CD62P in peripheral blood has been documented in a variety of diseases including heart disease, diabetes, hypertension and atrial fibrillation (Polgar et al. 2005).</p> <p>The biotinylated Mouse anti Human CD62P antibody, clone A05-6A1 (MCA6275B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CD62P antibody, clone A01-2H1 (MCA6274GA) as the capture antibody.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI HUMAN CD62P \(MCA6274GA\)](#)

ELISA Matched Pair - Capture Antibody

[MOUSE ANTI HUMAN CD62P \(MCA6274GA\)](#)

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

Europe Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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

'M386403:210521'

Printed on 14 Feb 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)