

Datasheet: MCA6274GA

Description:	MOUSE ANTI HUMAN CD62P
Specificity:	CD62P
Other names:	P-selectin
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	A01-2H1
Isotype:	IgG1
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 - 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)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 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

Mouse anti Human CD62P antibody, clone A01-2H1, 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](#)).

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](#)).

The purified Mouse anti Human CD62P antibody, clone A01-2H1 (MCA62674GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CD62P antibody, clone A05-6A1 ([MCA6275B](#)) as the detection antibody.

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6274GA>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN CD62P:Biotin \(MCA6275B\)](#)

ELISA Matched Pair - Detection Antibody

[MOUSE ANTI HUMAN CD62P:Biotin \(MCA6275B\)](#)

North & South America	Tel: +1 800 265 7376 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
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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
'M390624:210924'

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