

Datasheet: MCA6274GA

BATCH NUMBER 100005500

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

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

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.

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

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 Useful Reagents

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

ELISA Matched Pair - Detection Antibody

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

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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
'M386402:210521'

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