

## Datasheet: MCA6288GA

<b>Description:</b>	MOUSE ANTI HUMAN vWF
<b>Specificity:</b>	vWF
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	C01-1F2
<b>Isotype:</b>	IgG1
<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
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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	CHO derived recombinant full length human vWF (Met1-Lys2813)

**External Database  
Links**

**UniProt:**

[P04275](#)    [Related reagents](#)

**Entrez Gene:**

[7450](#)    VWF    [Related reagents](#)

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**Synonyms**

F8VWF

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**Fusion Partners**

Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0

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**Specificity**

**Mouse anti Human vWF antibody, clone C01-1F2**, recognizes von Willebrand factor (vWF) a multifunctional glycoprotein that plays essential roles in primary and secondary homeostasis, mediates platelet adhesion and is a carrier of coagulation factor VIII ([Yasar et al. 2018](#)).

vWF is present in blood plasma, the subendothelial matrix, platelet granules ( $\alpha$  granules) and endothelial cells ([Kawecki et al. 2017](#)). In endothelial cells, the vWF is stored in mature Weibel-Palade bodies before it is secreted into the plasma ([Yasar et al. 2018](#)). vWF plasma levels are influenced by genetic, pathological, hormonal and environmental interactions ([Swystun & Lillicrap 2018](#)). Upon vascular injury, vWF mediates the anchoring of platelets to the subendothelium leading to the formation of a platelet plug and the arrest of bleeding. Due to its acute release by the activated epithelium, vWF has been considered a marker of inflammation in various pathologies. However there is evidence that vWF is able to play a direct role in inflammation by recruiting leukocytes to sites of inflammation ([Kawecki et al. 2017](#)).

The purified Mouse anti Human vWF antibody, clone C01-1F2 (MCA6288GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human vWF antibody, clone E01-1C8 ([MCA6289B](#)) as the detection antibody.

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA6288GA>  
10040

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**Regulatory**

For research purposes only

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## Related Products

## Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight®800</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>

## Recommended Negative Controls

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

## Recommended Useful Reagents

[MOUSE ANTI HUMAN vWF:Biotin \(MCA6289B\)](#)

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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://bio-rad-antibodies.com/datasheets)  
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