

Datasheet: MCA6288GA

BATCH NUMBER 100005325

Description:	MOUSE ANTI HUMAN vWF
Specificity:	vWF
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	C01-1F2
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	CHO derived recombinant full length human vWF (Met1-Lys2813)

External Database Links	<p>UniProt: P04275 Related reagents</p> <p>Entrez Gene: 7450 VWF Related reagents</p>
Synonyms	F8VWF
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>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).</p> <p>vWF is present in blood plasma, the subendothelial matrix, platelet granules (α 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).</p> <p>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.</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	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6288GA 10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR76...)	RPE
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 (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

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

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