

Datasheet: MCA5693

Description:	MOUSE ANTI MOUSE VEGF
Specificity:	VEGF
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	CH-10
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
Western Blotting	▪			

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

Mouse

Species Cross Reactivity

Reacts with: Human, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen	Recombinant mouse VEGF.
External Database Links	<p>UniProt: Q00731 Related reagents</p> <p>Entrez Gene: 22339 Vegfa Related reagents</p>
Synonyms	Vegf
RRID	AB_10675772
Specificity	<p>Mouse anti Mouse VEGF antibody, clone CH-10 recognises VEGF (vascular endothelial growth factor), a heparin-binding cytokine and member of the PDGF/VEGF growth factor family, which exists as several splice variants of the VEGF gene. VEGF, originally named vascular permeability factor due to its ability to act as vasodilator and increase microvascular permeability, is a potent stimulator of angiogenesis of both normal and cancerous cells, and acts as a regulator of vasculogenesis.</p> <p>The functional forms of VEGF exist as disulphide-linked homodimers and are classified according to the number of amino acid residues within a constitutive polypeptide chain e.g VEGF165. All VEGF family members act through binding to the tyrosine kinase receptors VEGFR-1 (Flt-1) and VEGFR-2 (KDR/CD309), whilst the closely-related VEGF-C and VEGF-D, can also bind to VEGFR-3 (Flt-4).</p>
Protein Molecular Weight	12/16/19 kDa
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
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/MCA5693 10040
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](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
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](#)

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
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M405968:220916'

Printed on 25 Mar 2023

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