Datasheet: MCA6287B

Description:	MOUSE ANTI HUMAN VEGF:Biotin
Specificity:	VEGF
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	CD19-4G11
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 conjugated to Biotin - 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)
1% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 0.1 mg/ml

Immunogen

E. Coli derived recombinant full length human VEGF (Ala27-Arg147)

External Database Links

UniProt:

Q969D9 Related reagents

Entrez Gene:

85480 TSLP Related reagents

Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	**Mouse anti Human VEGF antibody, clone CD19-4G11,** recognizes vascular endothelial growth factor alpha (VEGF-A) which forms a homodimer and is a potent stimulator of angiogenesis of both normal and cancerous cells. It acts as a regulator of vasculogenesis, angiogenesis and endothelial cell growth. VEGF-A is secreted by many different cell types such as endothelial cells (Nissen *et al.* 1998), smooth muscle cells (Brogi *et al.* 1994), neutrophils (Gaudry *et al.* 1997), platelets (Banks *et al.* 1998), macrophages and 60% of all tumors (Berse *et al.* 1992). The biotinylated Mouse anti Human VEGF antibody, clone CD19-4G11 (MCA6287B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human VEGF antibody, clone CD17-1E1 (MCA6286GA) as the capture 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 #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

MOUSE ANTI HUMAN VEGF (MCA6286GA)

ELISA Matched Pair - Capture Antibody

MOUSE ANTI HUMAN VEGF (MCA6286GA)

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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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