Rabbit (polyclonal) Anti-Human VEGF Biotin Conjugated Detection Antibody

PRODUCT ANALYSIS SHEET

Catalog Number:	AHG9119
Expiration:	See product label.
Lot Number:	See product label
Quantity/Volume:	0.1 mg/0.2 mL
Clone Number:	N/A
Isotype:	Rabbit Igs
Form of Antibody:	Biotin conjugated purified immunoglobulin in phosphate buffered saline, pH 7.2.
Preservation:	0.1% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)
Purification:	Purified from rabbit serum by protein A/G affinity chromatography.
Immunogen:	Purified recombinant human VEGF.
Specificity:	Recognizes natural and recombinant human VEGF.
Applications:	This antibody recognizes human vascular endothelial growth factor: $VEGF_{121}$ and $VEGF_{165}$. It is suitable for use in ELISA as a detection antibody and is intended for use with Invitrogen capture antibody catalog # AHG0114.
Suggested Working Dilutions:	Dilute in buffered solution containing carrier protein, such as 0.1-1.0% BSA. A preservative such as 0.1% sodium azide may also be included. A dilution of 1/2000 to 1/4000 is recommended for use as a detection antibody in ELISA. The optimal concentration should be determined for each specific application. A general ELISA procedure is available upon request.
Storage:	Store at 2-8˚C. For long term storage, apportion into working aliquots and store at −20˚C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
References:	Bachtiary, B., et al. (2002) Serum VEGF levels in patients undergoing primary radiotherapy for cervical cancer: impact on progression-free survival. Cancer Lett. 179(2):197-203. Blann, A.D., et al. (2001) Increased serum VEGF in 13 children with Wilms' tumour falls after surgery but rising levels predict poor prognosis. Cancer Lett. 173(2):183-186. Ferrara, N., et al. (2000) VEGF: an update on biological and therapeutic aspects. Curr. Opin. Biotechnol. 11(6):617-624. Tischer, E., et al. (1991) The human gene for vascular endothelial growth factor. Multiple protein forms are encoded through alternative exon splicing. J. Biol. Chem. 266(18): 11947-11954.

Explanation of symbols

Symbol	Description	Symbol	Description
REF	Catalogue Number	LOT	Batch code
RUO	Research Use Only	IVD	*In vitro* diagnostic medical device
	Use by		Temperature limitation
	Manufacturer	EC REP	European Community authorised representative
[-]	Without, does not contain	[+]	With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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Invitrogen Corporation • 542 Flynn Rd • Camarillo • CA 93012 • Tel: 800.955.6288 • E-mail: techsupport@invitrogen.com