

Datasheet for ABIN465403

anti-VEGFA antibody

5 Images

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Overview

Quantity:	100 µg
Target:	VEGFA
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	E.coli derived recombinant Human VEGF165.
	Type of Immunogen: Cell extract
Specificity:	Human VEGF
Purification:	Immunoaffinity purified

Target Details

Target:	VEGFA
Alternative Name:	VEGFA / VEGF (VEGFA Products)
Background:	Name/Gene ID: VEGFA Family: PDGF

Target Details

	Synonyms: VEGFA, VPF, Vascular permeability factor, VEGF, VEGF-A, MVCD1
Gene ID:	7422
UniProt:	P15692
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process , Regulation of Cell Size , Tube Formation , Signaling Events mediated by VEGFR1 and VEGFR2 , Platelet-derived growth Factor Receptor Signaling , VEGFR1 Specific Signals , VEGF Signaling

Application Details

Application Notes:	Approved: ELISA, Neut (0.05 - 0.1 µg/mL), WB Usage: Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of Human breast invasive ductal carcinoma. The recommended concentrations are 2.5-5.5 mg/mL with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6 Sodium Citrate buffer is recommended. Optimal concentrations and conditions may vary. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of hVEGF (10 ng/mL), a concentration of 0.05-0.1 µg/mL of this antibody is required. ELISA: To detect hVEGF by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human VEGF (LS-C104615) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hVEGF. Western Blot: To detect hVEGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hVEGF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2

Handling

Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Images

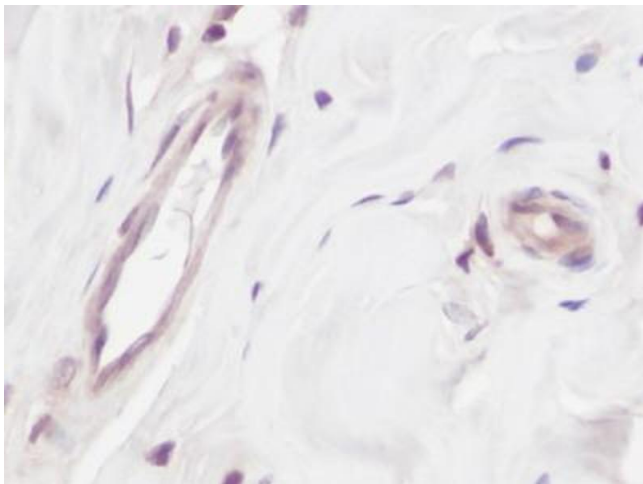


Image 1.

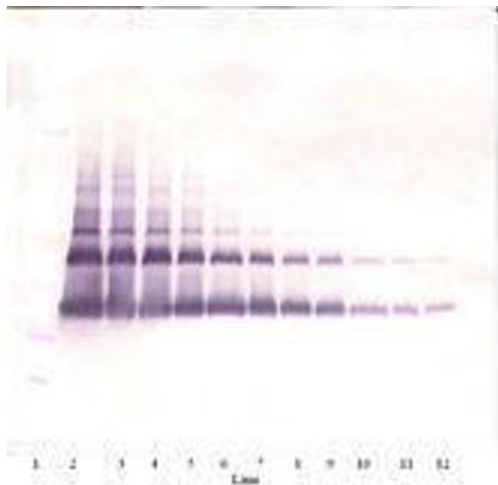
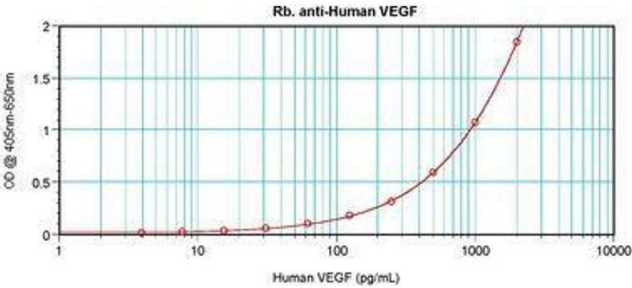


Image 2.

Image 3.



Please check the [product details page](#) for more images. Overall 5 images are available for ABIN465403.