

Datasheet for ABIN465469

**anti-VEGFA antibody**

5 Images

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## Overview

Quantity:	100 µg
Target:	VEGFA
Reactivity:	Human
Host:	Goat
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 ( <a href="#">VEGFA Products</a> )
Background:	Name/Gene ID: VEGFA Family: PDGF

## Target Details

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

## Application Details

Application Notes:	<p>Approved: ELISA (0.5 - 2 µg/mL), Neut (0.05 - 0.1 µg/mL), WB</p> <p>Usage: Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentrations are 5 µg/mL-15 µg/mL with a 30-minute incubation at room temperature or an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. This antibody was also tested in an HRP-biotin labeling detection system. 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-C104514) 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.</p>
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific

Handling

Buffer:	Lyophilized from PBS, pH 7.2
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

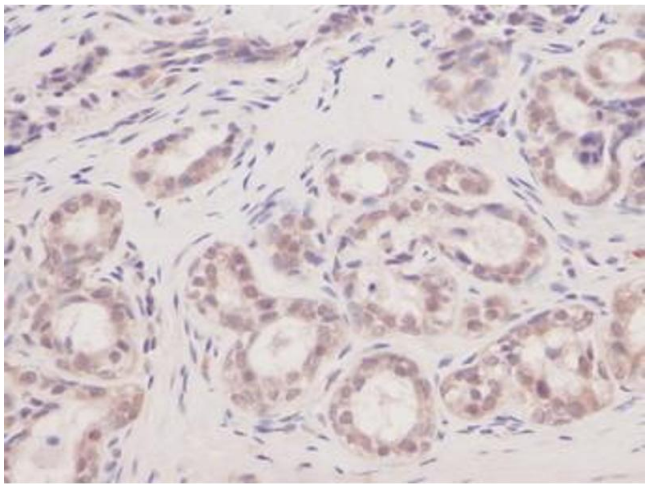


Image 1.

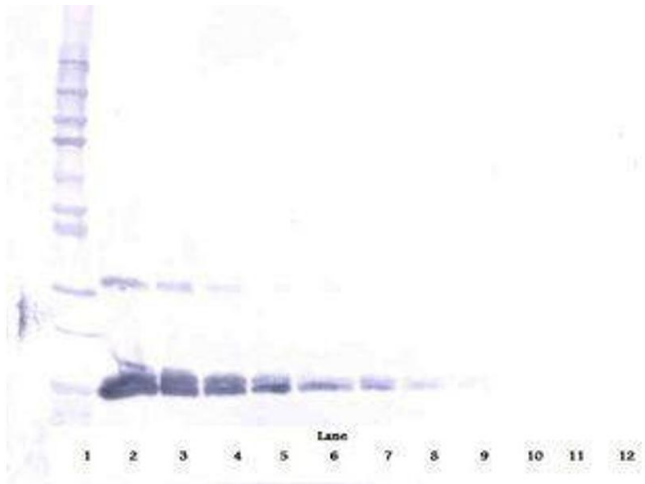


Image 2.

Image 3.



Please check the [product details page](#) for more images. Overall 5 images are available for ABIN465469.