

Datasheet for ABIN465273

anti-VEGFA antibody

6 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	VEGFA
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

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

Target Details

Target:	VEGFA
Alternative Name:	VEGFA / VEGF (VEGFA Products)
Background:	Name/Gene ID: VEGFA Family: PDGF Synonyms: VEGFA, VPF, Vascular permeability factor, VEGF, VEGF-A, MVCD1

Target Details

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 (0.5 - 2 µg/mL), Neut (0.08 - 0.12 µg/mL), WB Usage: Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of normal murine kidney. The recommended concentration is 2.5 µg/mL for one hour at room temperature. A secondary fluorophore conjugated antibody was used for thirty minutes at room temperature. High pH heat induced antigen retrieval is recommended. Optimal concentrations and conditions may vary. Neutralization: To yield one-half maximal inhibition [ND] of the biological activity of mVEGF (10.00 ng/mL), a concentration of 0.08-0.12 µg/mL of this antibody is required. ELISA: To detect mVEGF 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-Murine VEGF (LS-C104524) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant mVEGF. Western Blot: To detect mVEGF 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 mVEGF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.

Handling

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

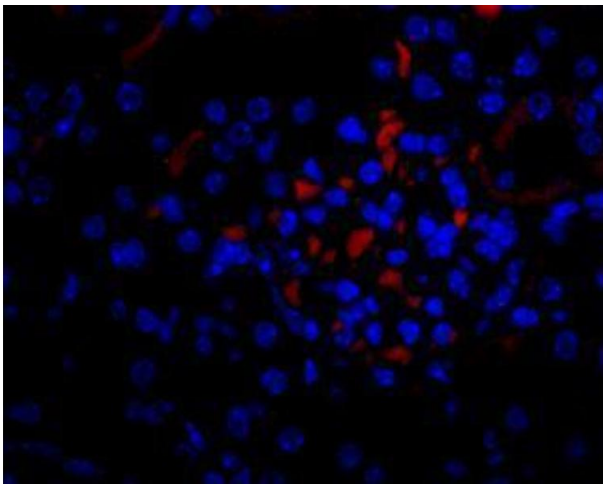


Image 1.

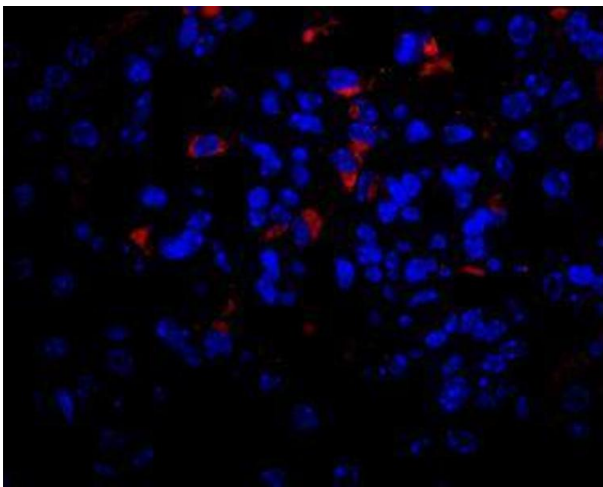


Image 2.

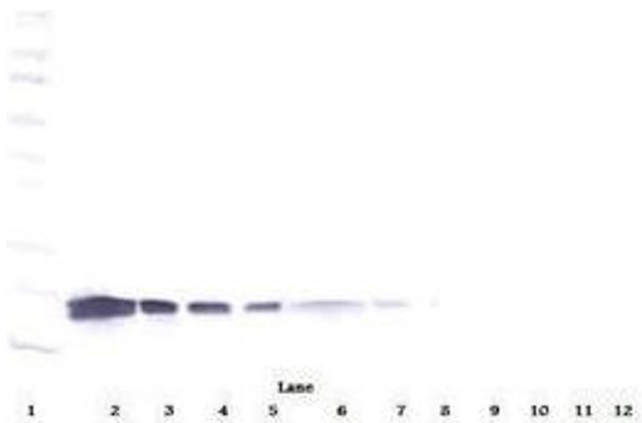


Image 3.

Images

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN465273.