

# Product Datasheet

## VEGF Antibody (VEGF/1063) [Alexa Fluor™ Plus 405] NBP3-11437AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/11/2026 v.20.1

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**NBP3-11437AFP405**

VEGF Antibody (VEGF/1063) [Alexa Fluor™ Plus 405]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	VEGF/1063
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor Plus 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	7422
Gene Symbol	VEGFA
Species	Human, Mouse, Rat, Canine, Rabbit
Specificity/Sensitivity	This monoclonal antibody recognizes proteins of 19-22kDa (reducing) and 38kDa-44kDa (non-reducing), identified as various isoforms of Vascular Endothelial Growth Factor or Vascular Permeability Factor (VEGF/VPF). It is highly specific to VEGF, which is a homodimeric, disulfide-linked glycoprotein with a close homology to platelet derived growth factor (PDGF). There are multiple isoforms of VEGF containing 206-, 189-, 165-, and 121-amino acid residues. The smaller two isoforms, VEGF165 and VEGF121, are secreted proteins and act as diffusible agents, whereas the larger two remain cell associated. VEGF/VPF plays an important role in angiogenesis, which promotes tumor progression and metastasis.
Immunogen	Human VEGF recombinant protein (Uniprot: P15692)
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**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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