

Product Datasheet

VEGF Antibody (VG76e) [Allophycocyanin] NB100-648APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-648APC

VEGF Antibody (VG76e) [Allophycocyanin]

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	VG76e
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	40 kDa
Product Description	
Host	Mouse
Gene ID	7422
Gene Symbol	VEGFA
Species	Human, Rat, Porcine, Bovine, Sheep
Reactivity Notes	Human. Mixed results in Cow and Pig (IHC only). Customers have reported success staining sheep tissue (see review).
Specificity/Sensitivity	Using recombinant proteins, it was demonstrated that VG76e recognizes the 121, 165, and 189 isoforms of VEGF
Immunogen	Recombinant human VEGF189 expressed in E.coli [UniProt# P15692]
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Radioimmunoassay
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Radioimmunoassay
Application Notes	This VEGF antibody is useful for Western blot, Immunoprecipitation, ELISA, Immunocytochemistry/Immunofluorescence and Immunohistochemistry (Formalin-fixed paraffin-embedded sections).Radioimmunoassay was reported in scientific literature. In Western blot a band is observed between 38-44 kDa. With IHC-paraffin sections microwave treatment with Tris HCl pH 10 buffer (NOT citrate buffer) is necessary. VEGF-A is a hetero dimer, consisting of 2 chains of approximately 24kDa each. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.





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Products Related to NB100-648APC

NBP1-97005APC	Mouse IgG1 Isotype Control (MG1) [Allophycocyanin]
NB100-648B	VEGF Antibody (VG76e) [Biotin]
NB100-2381PEP	VEGF Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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