

Product Datasheet

VEGFR2/KDR/FIk-1 Antibody (20I6) - Azide and BSA Free NBP1-18646

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-18646**VEGFR2/KDR/FIk-1 Antibody (2016) - Azide and BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2016
Preservative	No Preservative
Reconstitution Instructions	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml. Please note the sample size of this product will be provided in reconstituted liquid form.
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

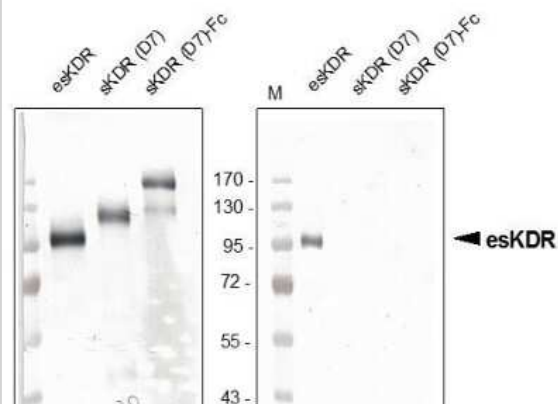
Product Description	
Description	Clone #4 changed to 2016 for a more unique identifier.
Host	Mouse
Gene ID	3791
Gene Symbol	KDR
Species	Human
Marker	Endothelial Cell Marker
Specificity/Sensitivity	The monoclonal antibody will detect native human VEGFR-2/KDR in ELISA experiments and on the surface of different human cell types.
Immunogen	Recombinant human soluble extracellular KDR (D7)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 2-5 ug/ml, Flow Cytometry 2-5 ug/ml, ELISA 1-10 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, CyTOF-ready

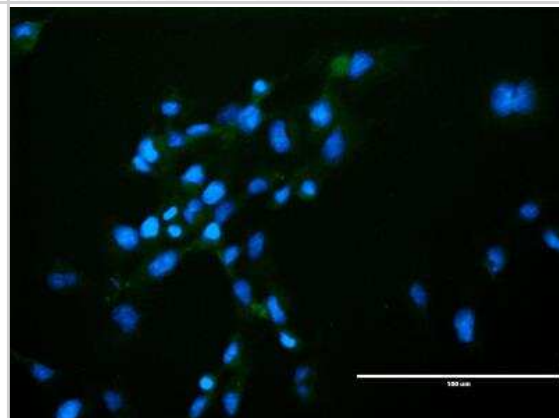


Images

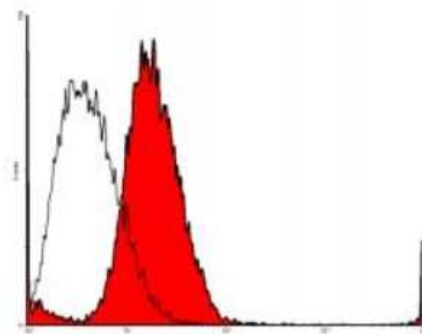
Western Blot: VEGFR2/KDR/Fik-1 Antibody (2016) - Azide and BSA Free [NBP1-18646] - VEGFR2/KDR/Fik-1 Antibody (2016) [NBP1-18646] - Recombinant human endogenous soluble VEGFR-2/KDR (esKDR) was produced in insect cells. Western blot was performed using our monoclonal anti-VEGFR-2 recognizing the soluble as well as the transmembrane form of KDR (left panel) and our new polyclonal antibody directed against the unique C-terminal end of the endogenous sKDR (CGRETILDHSAEAVGMP) recognizing solely the endogenous form but not sKDR (D7) and sKDR (D7)-Fc consisting of the full extraplasmatic domain. The endogenous sKDR generated by alternative splicing consists of the first 6 Ig-like loops with a unique c-terminal end.



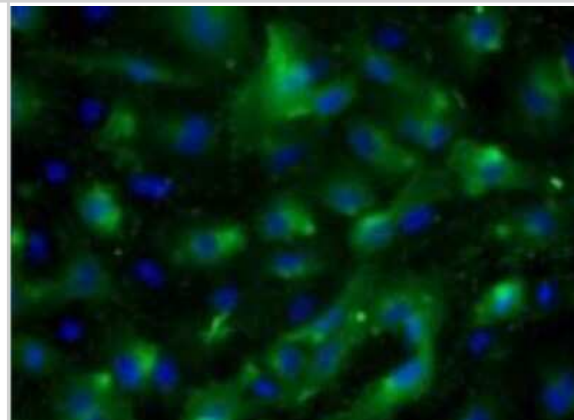
Immunocytochemistry/Immunofluorescence: VEGFR2/KDR/Fik-1 Antibody (2016) - Azide and BSA Free [NBP1-18646] - HMEC-1 CRL-3243 cells, stained with 1:50 VEGFR2/KDR/Fik-1 antibody (NBP1-18645AF488) (green) and DAPI (blue). Image from verified customer review.



Flow Cytometry: VEGFR2/KDR/Fik-1 Antibody (2016) - Azide and BSA Free [NBP1-18646] - VEGFR2/KDR/Fik-1 Antibody (2016) [NBP1-18646] - Analysis with primary human dermal lymphatic endothelial cells (HDLEC).



Immunocytochemistry/Immunofluorescence: VEGFR2/KDR/Fik-1 Antibody (2016) - Azide and BSA Free [NBP1-18646] - VEGFR2/KDR/Fik-1 Antibody (2016) [NBP1-18646] - Staining (green) of VEGFR-2 (KDR) in primary human umbilical vein endothelial cells (HUVEC) with anti-human VEGFR-2 (Cl.4) (7,5ug/ml) and counter staining of nuclei with Dapi. As secondary antibody goat anti-mouse ALEXA Flour 488 (Dianova) was used 1:600.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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Products Related to NBP1-18646

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-530PEP	VEGFR2/KDR/Flk-1 Antibody Blocking Peptide

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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