VEGFR-2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	VEGFR-2, Polyclonal Antibody
Full Product Name	VEGFR-2 (Vascular Endothelial Growth Factor Receptor 2, VEGFR-2, FLK-1, KDR) (VEGFR2, VEGFR 2, Protein-tyrosine kinase receptor flk-1, Fetal liver kinase 1, Kinase NYK, FLK1, KDR, Kinase insert domain receptor, KRD1, Ly73, Protein tyrosine kinase receptor
Product Gene Name	anti-VEGFR-2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservatives added. Labeled with MaxLight490.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Rrecognizes mouse VEGF Receptor-2. Identifies the ~230kD mature form of VEGFR-2. Reactivity is confirmed with mouse SVEC 4-10 cell lysates. Human reactivity is expected based on sequence homology.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Synthetic peptide derived from the N-terminal region of the mouse vascular endothelial growth factor receptor-2 (VEGFR-2, FLK-1, KDR) protein.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-VEGFR-2 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-VEGFR-2 antibody	Western Blot (WB), FLISA
Application Notes for anti-VEGFR-2 antibody	WB: 1-5ug/ml FLISA: 0.1-1ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-VEGFR-2 antibody	MBS6505624 is an antibody targeting VEGFR-2. Also known as VEGFR-2 (Vascular Endothelial Growth Factor Receptor 2, VEGFR-2, FLK-1, KDR) (VEGFR2, VEGFR 2, Protein-tyrosine kinase receptor flk-1, Fetal liver kinase 1, Kinase NYK, FLK1, KDR, Kinase insert domain receptor, KRD1, Ly73, Protein tyrosine kinase receptor. Reactive in Mouse. Host: Rabbit.
Product References and Citations for anti-VEGFR-2 antibody	1. Botta, R.M., et al., Exp. Hematol. 28(12): 1501 (2000). 2. Chiang, M.K., et al., Growth Factors 12(1): 1-10 (1995). 3. Heidenreich, R., et al., Cancer Res. 60(21): 6142-6147 (2000). 4. Dayanir, V., et al., J. Biol. Chem. 276(21): 17, 686-17, 692 (2001). 5. Soker, S., et al., J. Biol. Chem. 271(10): 5761-5767 (1996). 6. Terman, B., et al., Growth Factors 11(3): 187-195 (1994). 7. Waltenberger, J., et al., J. Biol. Chem. 275(21): 15, 905-15, 911 (2000). 8. Tian, X., et al., Biochem. Biophys. Res. Commun. 286(3): 505-512 (2001).
Other Notes	Small volumes of anti-VEGFR-2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VEGFR-2. It may not necessarily be applicable to this product.

Protein Family	Vascular endothelial growth factor receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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