

Product Datasheet

VEGFR2/KDR/FIk-1 Antibody [FITC] NB100-2382F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-2382F**VEGFR2/KDR/Flk-1 Antibody [FITC]**

| 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 | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | FITC |
| Purity | Immunogen affinity purified |
| Buffer | PBS |
| Product Description | |
| Host | Rabbit |
| Gene ID | 3791 |
| Gene Symbol | KDR |
| Species | Human, Rat, Hamster |
| Reactivity Notes | Human. Predicted to react with mouse based on 100% sequence homology. Immunogen sequence has 79% homology to rat. Hamster reactivity reported in scientific literature (PMID: 23763710). Rat reactivity reported in scientific literature (PMID: 27832737). |
| Marker | Endothelial Cell Marker |
| Specificity/Sensitivity | This has only been shown to recognize the native form (180-190 kDa protein) of VEGFR-2, known as Flk-1/KDR/VEGFR 2 (Vascular Endothelial Growth Factor Receptor 2), though it was raised against the precursor form. |
| Immunogen | A synthetic peptide made to a C-terminal region of the mouse VEGF Receptor 2 protein (between residues 1300-1367). [Swiss-Prot# P35918] |
| Product Application Details | |
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence |
| Application Notes | <p>This VEGF Receptor 2 antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where a doublet is seen at ~150 kDa with CSF-1R/VEGFR2 chimera transfected lysates representing VEGFR-2. A non-specific band is also seen at ~85 kDa. In ICC/IF punctate membrane staining was observed in Hela cells.</p> <p>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.</p> |



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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