

# Product Datasheet

## VEGFR2/KDR/Flk-1 Antibody

### NB100-686-0.1ml

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-686-0.1ml****VEGFR2/KDR/Flk-1 Antibody**

| <b>Product Information</b> |                                  |
|----------------------------|----------------------------------|
| <b>Unit Size</b>           | 0.1 ml                           |
| <b>Concentration</b>       | 0.1 mg/ml                        |
| <b>Storage</b>             | Store at 4C. Do not freeze.      |
| <b>Clonality</b>           | Polyclonal                       |
| <b>Preservative</b>        | 0.05% Sodium Azide               |
| <b>Isotype</b>             | IgG                              |
| <b>Purity</b>              | Affinity purified                |
| <b>Buffer</b>              | PBS (pH 7.4), 0.2% BSA, Tween-20 |

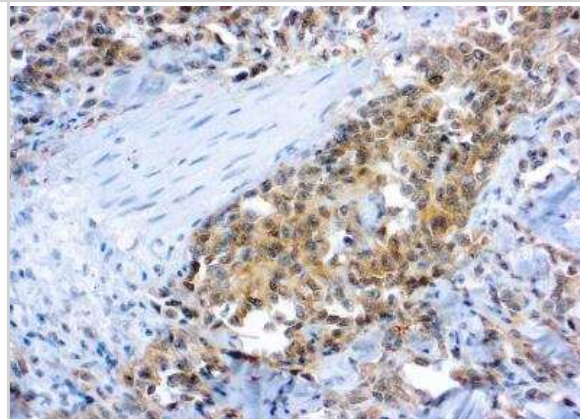
| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                               |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Rabbit VEGFR2/KDR/Flk-1 Antibody (NB100-686) is a polyclonal antibody validated for use in IHC. Anti-VEGFR2/KDR/Flk-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                 |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                        |
| <b>Gene ID</b>                 | 3791                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>             | KDR                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                         |
| <b>Marker</b>                  | Endothelial Cell Marker                                                                                                                                                                                                                                                                                                       |
| <b>Specificity/Sensitivity</b> | This antibody reacts with a 180 kDa protein, known as Flk-1, KDR or vascular endothelial growth factor receptor 2 (VEGFR2). Flk-1 is a cell membrane receptor kinase. Flk-1 is a high affinity receptor for vascular endothelial growth factor and is putatively involved in the growth of endothelial cells and angiogenesis |
| <b>Immunogen</b>               | A synthetic peptide derived from the C-terminus of the precursor form of the mouse Flk-1.                                                                                                                                                                                                                                     |

| <b>Product Application Details</b> |                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen                                  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100, Immunohistochemistry-Frozen 1:50-1:100 |
| <b>Application Notes</b>           | IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.           |



## Images

Immunohistochemistry-Paraffin: VEGFR2/KDR/Flk-1 Antibody [NB100-686] - Formalin fixed paraffin embedded human angiosarcoma stained with Flk-1 antibody (NB100-686).



## Publications

Ostalska-Nowicka D, Malinska A, Zabel M et al. Nephrotic syndrome unfavorable course correlates with downregulation of podocyte vascular endothelial growth factor receptor (VEGFR)-2. Folia Histochem Cytobiol;49 (3):472-8. 2011-01-01 [PMID: 22038228] (Human)



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### **Products Related to NB100-686-0.1ml**

|              |                                                     |
|--------------|-----------------------------------------------------|
| HAF008       | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160       | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891   | Rabbit IgG Isotype Control                          |
| 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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