

# Product Datasheet

## VEGFR1/Flt-1 Antibody (CL0345) - BSA Free NBP2-30982

Unit Size: 0.1 ml

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

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**NBP2-30982**

VEGFR1/Flt-1 Antibody (CL0345) - BSA Free

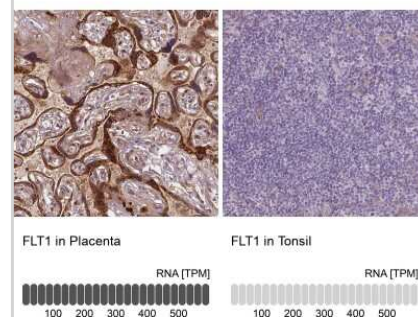
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal   |
| Clone               | CL0345   |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG2b  |
| Purity              | Protein A purified   |
| Buffer              | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 2321  |
| Gene Symbol         | FLT1  |
| Species             | Human   |
| Reactivity Notes    | Rat (82%), Mouse (80%).   |
| Marker              | Endothelial Cell Marker   |
| Immunogen           | This antibody was developed using a recombinant protein derived from P17948, with the exact immunogen sequence remaining proprietary. |

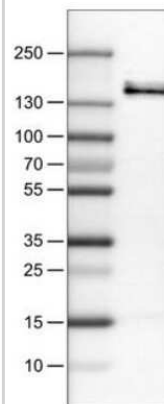
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin                                     |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.   |

**Images**

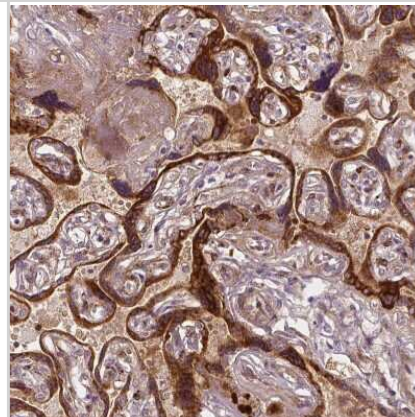
Immunohistochemistry-Paraffin: VEGFR1/Flt-1 Antibody (CL0345) [NBP2-30982] - Staining in human placenta and tonsil tissues. Corresponding FLT1 RNA-seq data are presented for the same tissues.



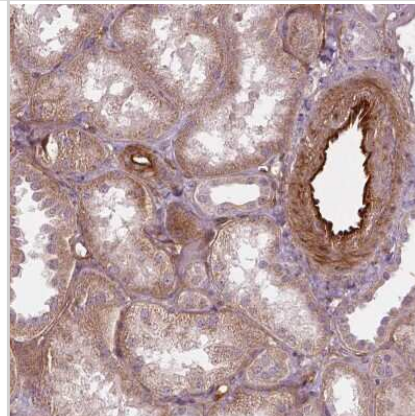
Western Blot: VEGFR1/Flt-1 Antibody (CL0345) [NBP2-30982] - Lane 1:  
Marker [kDa] Lane 2: Human cell line RT-4



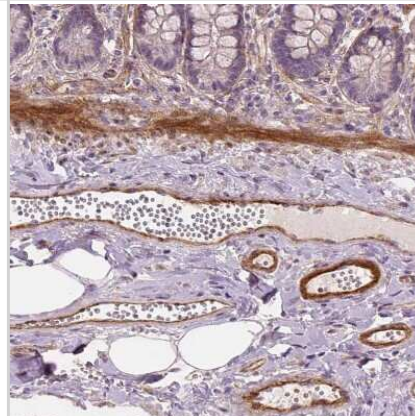
Immunohistochemistry-Paraffin: VEGFR1/Flt-1 Antibody (CL0345)  
[NBP2-30982] - Staining of human placenta shows strong cytoplasmic  
positivity in trophoblastic cells.



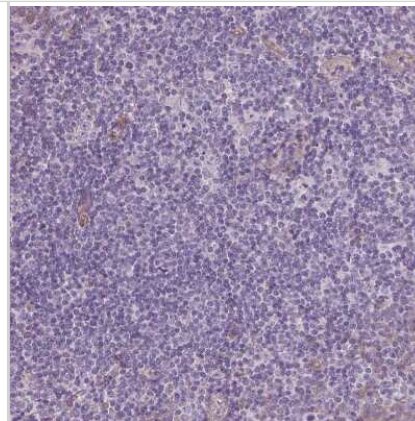
Immunohistochemistry-Paraffin: VEGFR1/Flt-1 Antibody (CL0345)  
[NBP2-30982] - Staining of human kidney shows strong cytoplasmic  
positivity in endothelial cells.



Immunohistochemistry-Paraffin: VEGFR1/Flt-1 Antibody (CL0345)  
[NBP2-30982] - Staining of human small intestine shows moderate to  
strong cytoplasmic positivity in endothelial cells, as well as positivity in  
smooth muscle cells.



Immunohistochemistry-Paraffin: VEGFR1/Flt-1 Antibody (CL0345) [NBP2-30982] - Staining of human tonsil shows no positivity in lymphoid cells as expected.





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### **Products Related to NBP2-30982**

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|              |   |
|--------------|---|
| HAF007       | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B      | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231   | Mouse IgG2b Isotype Control (MPC-11)                    |
| NB100-527PEP | VEGFR1/Flt-1 Antibody Blocking Peptide                  |

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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.

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