

# Product Datasheet

## VEGFR1/Flt-1 Antibody (CL0345) - Azide and BSA Free NBP3-43978

Unit Size: 100 ug

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

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**NBP3-43978**

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

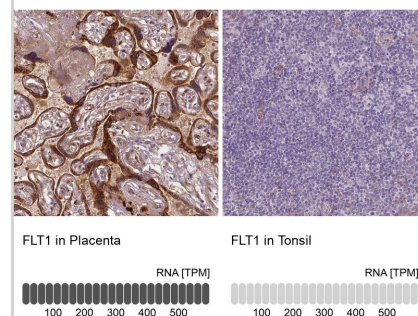
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0345
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	2321
Gene Symbol	FLT1
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P17948, with the exact immunogen sequence remaining proprietary.

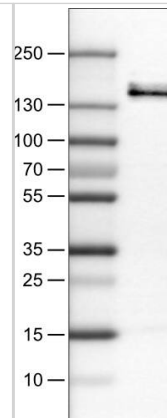
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

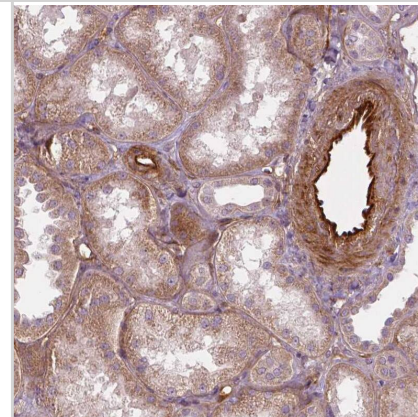
Analysis in human placenta and tonsil tissues using NBP3-43978 antibody. Corresponding VEGFR1/Flt-1 RNA-seq data are presented for the same tissues.



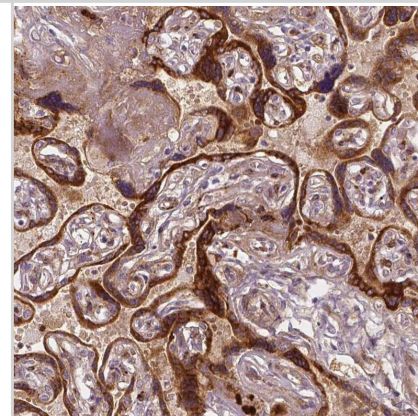
Lane 1: Marker [kDa]  
Lane 2: Human cell line RT-4



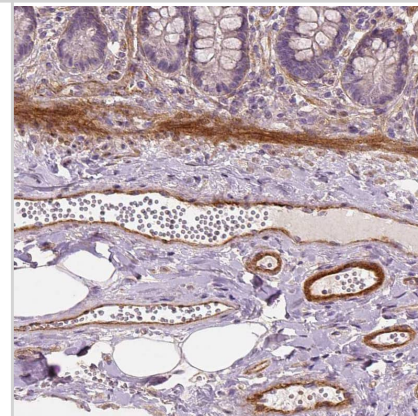
Staining of human kidney shows strong cytoplasmic positivity in endothelial cells.



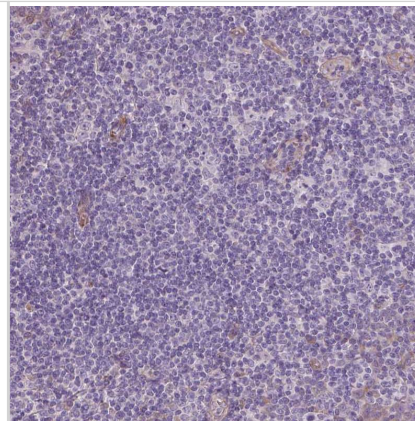
Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Staining of human small intestine shows moderate to strong cytoplasmic positivity in endothelial cells, as well as positivity in smooth muscle cells.



Staining of human tonsil shows no positivity in lymphoid cells as expected.





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### **Products Related to NBP3-43978**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
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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