

Product Datasheet

VEGFR1/Flt-1 Antibody NB100-685

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

www.novusbio.com



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Publications: 2

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Updated 9/9/2025 v.20.1

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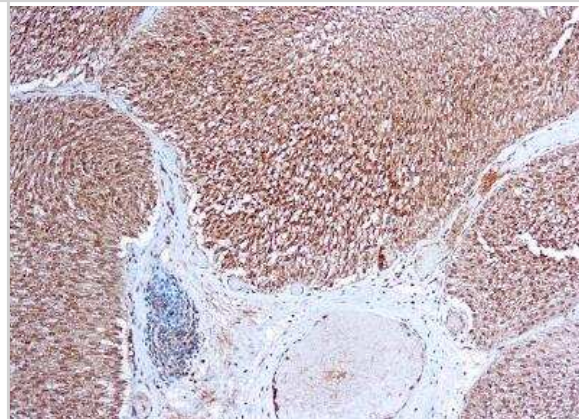
NB100-685

VEGFR1/Flt-1 Antibody

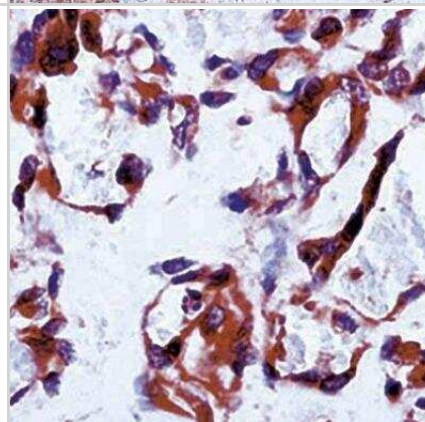
Product Information	
Unit Size	0.5 ml
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.4), 0.2% BSA, Tween-20
Product Description	
Description	Novus Biologicals Rabbit VEGFR1/Flt-1 Antibody (NB100-685) is a polyclonal antibody validated for use in IHC. Anti-VEGFR1/Flt-1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2321
Gene Symbol	FLT1
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat.
Marker	Endothelial Cell Marker
Specificity/Sensitivity	This reacts with a 180 kD protein, known as VEGFR1/Flt-1 or vascular endothelial growth factor receptor 1. VEGFR1/Flt-1 is a cell membrane receptor kinase. VEGFR1/Flt-1 has a high affinity receptor for vascular endothelial growth factor and is putatively involved in the growth of endothelial cells and angiogenesis.
Immunogen	Synthetic peptide: C-AELERKIACCSPPPDYN, corresponding to amino acids 1312-1328 of human VEGF Receptor 1 (C-terminus).
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Immunohistochemistry 1:25-1:50, Immunohistochemistry-Paraffin 1:25-1:50, Immunohistochemistry-Frozen 1:50-1:100
Application Notes	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.

Images

Immunohistochemistry-Paraffin: VEGFR1/Flt-1 Antibody [NB100-685] - Formalin fixed paraffin embedded human placenta stained with VEGFR1/Flt-1 antibody (NB100-685).



Immunohistochemistry: VEGF R1/Flt-1 Antibody [NB100-685] - Formalin fixed paraffin embedded human angiosarcoma stained with Flt-1.



Publications

Jung Y, Joo KM, Seong DH et al. Identification of prognostic biomarkers for glioblastomas using protein expression profiling. *Int J Oncol* 2012-04-01 [PMID: 22179774] (Human)

Li C, Liu B, Dai Z, Tao Y. Knockdown of VEGF receptor-1 (VEGFR-1) impairs macrophage infiltration, angiogenesis and growth of clear cell renal cell carcinoma (CRCC). *Cancer Biol Ther* 2011-11-15 [PMID: 21989163]



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Products Related to NB100-685

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-527PEP	VEGFR1/Flt-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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