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Datasheet for ABIN6140699

anti-FLT4 antibody (AA 1174-1363)

4 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FLT4
Binding Specificity:	AA 1174-1363
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLT4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1174-1363 of human FLT4 (NP_891555.2).
Sequence:	QGRGLQEEEE VCMAPRSSQS SEEGSFSQVS TMALHIAQAD AEDSPPSLQR HSLAARYYNW VSFPGCLARG AETRGSSRMK TFEFFPMTPT TYKGSVDNQT DSGMVLASEE FEQIESRHRQ ESGFCKGPG QNVAVTRAHP DSQGRRRRPE RGARGGQVFY NSEYGELSEP SEEDHCSPSA RVTFFTDNSY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	FLT4
Alternative Name:	FLT4 (FLT4 Products)
Background:	This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA.,FLT4,FLT-4,FLT41,LMPH1A,PCL,VEGFR-3,VEGFR3,Epigenetics & Nuclear Signaling,Cancer,Invasion and Metastasis,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Cell Cycle,Growth factor,VEGF,VEGF Receptors,Cardiovascular,Angiogenesis,Angiogenic growth factors,FLT4
Molecular Weight:	93 kDa/145 kDa/152 kDa
Gene ID:	2324
UniProt:	P35916
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGF Signaling

Application Details

Application Notes:	IHC,1:50 - 1:100,IF,1:50 - 1:100
Restrictions:	For Research Use only

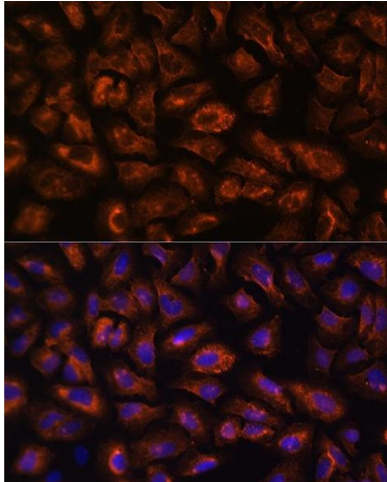
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

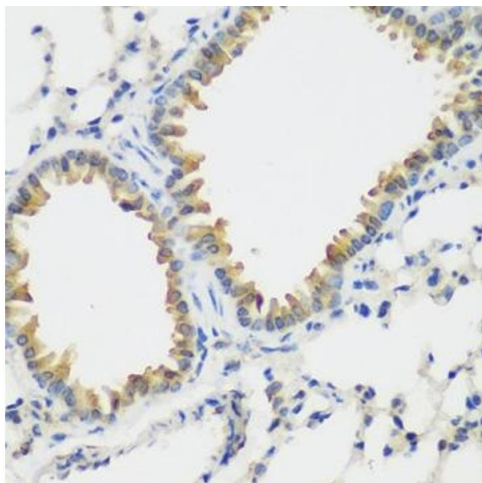
Product cited in:	Yang, Sun, He, Ren, Liu, Liu, Zhang, Zhao: "Lymphotoxins Promote the Progression of Human Lymphatic Malformation by Enhancing Lymphatic Endothelial Cell Proliferation." in: The
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Images



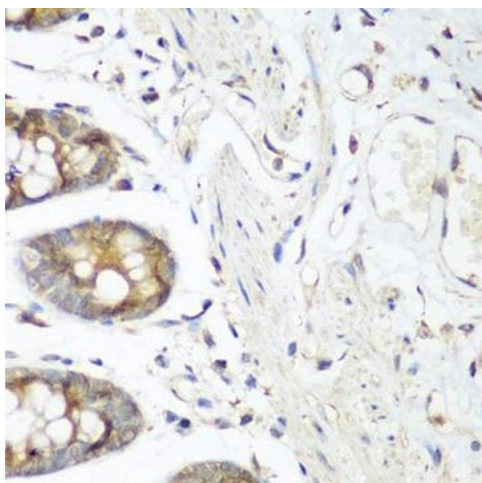
Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using VEGFR3/FLT4 Rabbit pAb (ABIN6130780, ABIN6140699, ABIN6140702 and ABIN6221242) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded mouse lung using VEGFR3/FLT4 antibody (ABIN6130780, ABIN6140699, ABIN6140702 and ABIN6221242) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon using VEGFR3/FLT4 antibody (ABIN6130780, ABIN6140699, ABIN6140702 and ABIN6221242) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6140699.