

Datasheet for ABIN6140698  
**anti-FLT4 antibody (AA 1174-1363)**



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2 Images

## 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:	Western Blotting (WB), 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 TFEFPMTPT TYKGSVDNQT DSGMVLASEE FEQIESRHRQ ESGFCKGPG QNVAVTRAHP DSQGRRRRPE RGARGGQVFY NSEYGELSEP SEEDHCSPSA RVTFFTDNSY
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	FLT4
Alternative Name:	FLT4 ( <a href="#">FLT4 Products</a> )
Background:	<p>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 &amp; Nuclear Signaling,Cancer,Invasion and Metastasis,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology &amp; Developmental Biology,Cell Cycle,Growth factor,VEGF,VEGF Receptors,Cardiovascular,Angiogenesis,Angiogenic growth factors,FLT4</p>
Molecular Weight:	93 kDa/145 kDa/152 kDa
Gene ID:	2324
UniProt:	<a href="#">P35916</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">VEGF Signaling</a>

## Application Details

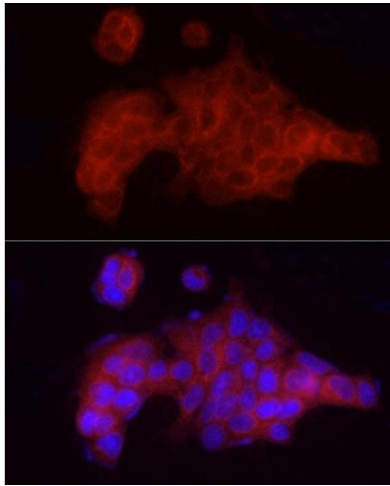
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Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

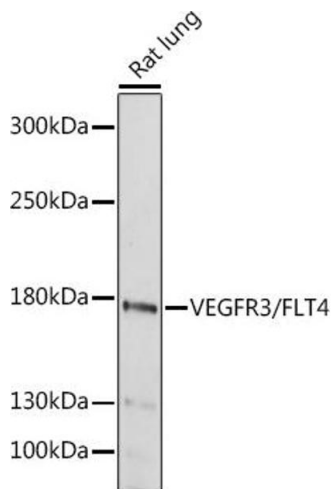
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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of MCF7 cells using VEGFR3/FLT4 Rabbit pAb (ABIN6130779, ABIN6140698, ABIN6140701 and ABIN6217251) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of Rat lung, using VEGFR3/FLT4 antibody (ABIN6130779, ABIN6140698, ABIN6140701 and ABIN6217251) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.