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Datasheet for ABIN969146 anti-FLT1 antibody

1 Image

2 Publications



Overview

Quantity:	100 μL
Target:	FLT1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant extracellular fragment of human FLT1 fused with hIgGFc tag expressed in HEK293 cells.
Clone:	3D10
Isotype:	lgG1
Purification:	purified

Target Details

Target:	FLT1
Alternative Name:	FLT1 (FLT1 Products)
Background:	Description: Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor), also known as FLT1 or VEGFR-1. It is a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor
	tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven

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Target Details

	immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK)
	domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental
	growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of
	this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral
	blood monocytes. Multiple transcript variants encoding different isoforms have been found for
	this gene. Isoforms include a full-length transmembrane receptor isoform and shortened,
	soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.
	Aliases: FLT, VEGFR1
Molecular Weight:	100 kDa

Gene ID:	2321
HGNC:	2321
Pathways:	RTK Signaling, Signaling Events mediated by VEGFR1 and VEGFR2, VEGFR1 Specific Signals

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
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:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Durkin, Guo, Fryrear, Mihaylova, Gupta, Belgnaoui, Haoudi, Kupfer, Semmes: "HTLV-1 Tax oncoprotein subverts the cellular DNA damage response via binding to DNA-dependent protein kinase." in: The Journal of biological chemistry , Vol. 283, Issue 52, pp. 36311-20, (2008) (

PubMed).

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Images



Western Blotting

Image 1. Western blot analysis using FLT1 mouse mAb against extracellular domain of human FLT1.

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