

Datasheet for ABIN6285239
anti-VEGFR2/CD309 antibody (AA 890-970)



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Overview

Quantity:	50 µL
Target:	VEGFR2/CD309 (VEGFR2)
Binding Specificity:	AA 890-970
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFR2/CD309 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Flk-1 is a protein encoded by the KDR gene which is approximately 151,5 kDa. Flk-1 isoform 1 is localised to the cell membrane and isoform 2 and 3 are secreted. It is involved in apoptotic pathways, the GPCR pathway, ERK signalling and the CREB pathway. This receptor is one of two type III receptor tyrosine kinase that functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor. Flk-1 is widely expressed in human tissues including the cornea. Mutations in the KDR gene may result in hemangioma. STJ93088 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Flk-1 protein.
Immunogen:	Synthesized peptide derived from human Flk-1 around the non-phosphorylation site of Y951.

Product Details

Isotype:	IgG
Specificity:	Flk-1 Polyclonal Antibody detects endogenous levels of Flk-1 protein.
Characteristics:	Rabbit polyclonal to Flk-1.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	VEGFR2/CD309 (VEGFR2)
Alternative Name:	Flk-1 (VEGFR2 Products)
Molecular Weight:	151 kDa
Gene ID:	3791
UniProt:	P35968
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process , Signaling Events mediated by VEGFR1 and VEGFR2 , Growth Factor Binding , Regulation of long-term Neuronal Synaptic Plasticity , VEGF Signaling

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	Detected in cornea (at protein level). Widely expressed.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.