

Datasheet for ABIN5012351

anti-VEGFR2/CD309 antibody (pTyr996) (AbBy Fluor® 680)



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Overview

Quantity:	100 µL
Target:	VEGFR2/CD309 (VEGFR2)
Binding Specificity:	pTyr996
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFR2/CD309 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human VEGF receptor 2 around the phosphorylation site of Tyr996
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	VEGFR2/CD309 (VEGFR2)
Alternative Name:	VEGF receptor 2 (VEGFR2 Products)
Background:	Synonyms: VEGFR2Tyr996, VEGFR2Y996, p-VEGFR2Tyr996, p-VEGFR2Y996, CD309, CD309

Target Details

antigen, Fetal liver kinase 1, FLK-1, FLK1, KDR, Kinase insert domain receptor a type III receptor tyrosine kinase, Kinase insert domain receptor, KRD1, Ly73, Protein tyrosine kinase receptor FLK1, Protein-tyrosine kinase receptor flk-1, Tyrosine kinase growth factor receptor, Vascular endothelial growth factor receptor 2, VEGFR 2, VEGFR, VEGFR-2, VEGFR2, VGFR2_HUMAN.

Background: Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It 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, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas. [provided by RefSeq, May 2009].

Gene ID:	3791
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:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months