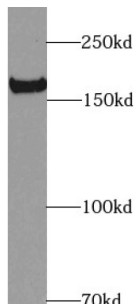
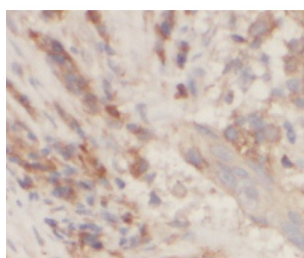


Vascular Endothelial Growth Factor Receptor 2 / VEGFR2 (KDR) Antibody

Catalogue No.: abx012342



WB analysis of human placenta tissue, using VEGFR2 antibody (1/600 dilution).



IHC-P analysis of human lung cancer tissue, using VEGFR2 antibody (1/200 dilution).

Vascular Endothelial Growth Factor Receptor 2 / VEGFR2 (KDR) Antibody is a Rabbit Polyclonal antibody for the detection of VEGFR2.

KDR, also named as VEGFR-2, FLK1 and CD309, is a receptor for VEGF or VEGFC. KDR which belongs to the protein kinase superfamily, has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. KDR functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. Mutations of this gene are implicated in infantile capillary hemangiomas.

Target: Vascular Endothelial Growth Factor Receptor 2 / VEGFR2 (KDR)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/1000, IHC: 1/50 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Datasheet

Version: 2.0.0
Revision date: 07 Sep 2025



Immunogen:	Vascular endothelial growth factor receptor 2
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P35968 (UniProt , ExPASy)
Gene Symbol:	KDR
GeneID:	3791
OMIM:	191306
HGNC:	6307
KEGG:	hsa:3791
Ensembl:	ENSG00000128052
String:	9606.ENSP00000263923
Molecular Weight:	Observed MW: 200 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.