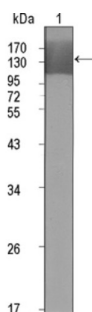
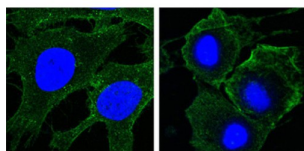


Kinase Insert Domain Receptor (KDR) Antibody

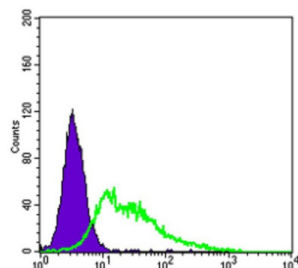
Catalogue No.: abx012344



Western blot analysis using KDR antibody against extracellular domain of human KDR (aa20-764).



Confocal immunofluorescence analysis of Hela (left) and HepG2 (right) cells using KDR antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HepG2 cells using KDR antibody (green) and negative control (purple).

VEGFR-2 is a receptor tyrosine kinase of the VEGFR family. High affinity receptor for VEGF and VEGF-C. Ligand binding induces autophosphorylation and activation. Activated receptor recruits proteins including Shc, GRB2, PI3K, Nck, SHP-1 and SHP-2. Plays a key role in vascular development and regulation of vascular permeability.

Target: Kinase Insert Domain Receptor (KDR)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IF/ICC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 3.0.0
Revision date: 07 Sep 2025



Conjugation:	Unconjugated
Immunogen:	Purified recombinant extracellular fragment of human KDR (aa20-764) fused with hIgGfc tag expressed in HEK293 cells.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P35968 (UniProt , ExPASy)
Gene Symbol:	KDR
GeneID:	3791
OMIM:	191306
HGNC:	6307
KEGG:	hsa:3791
Ensembl:	ENSG00000128052
String:	9606.ENSP00000263923
Enzyme Commission Number:	EC 2.7.10.1
Molecular Weight:	152 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.