Datasheet for ABIN1532661

anti-VEGFR2/CD309 antibody (AA 1020-1069)

2 Images

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Overview

Quantity:	100 µL
Target:	VEGFR2/CD309 (VEGFR2)
Binding Specificity:	AA 1020-1069
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFR2/CD309 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human VEGFR2.
Isotype:	IgG
Specificity:	VEGFR2 Antibody detects endogenous levels of total VEGFR2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	VEGFR2/CD309 (VEGFR2)
Alternative Name:	VEGFR2 (VEGFR2 Products)
Background:	Synonyms: FLK1, KDR, kinase insert domain receptor, protein-tyrosine kinase receptor Flk-1,

Target Details

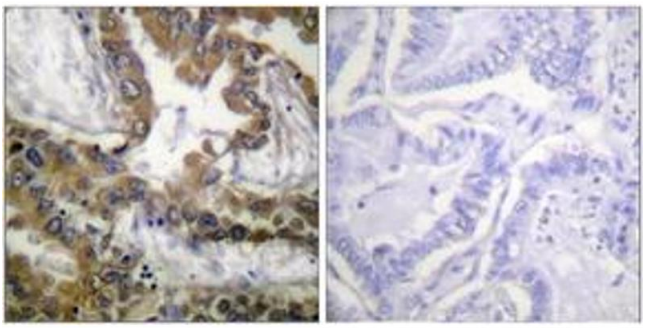
	vascular endothelial growth factor receptor 2, VGFR2, VGR2 NCBI Gene Symbol: KDR
Molecular Weight:	151 kDa
Gene ID:	3791, 2324
OMIM:	191306
UniProt:	P35968, P35916
Pathways:	RTK Signaling, Glycosaminoglycan Metabolic Process, Signaling Events mediated by VEGFR1 and VEGFR2, Growth Factor Binding, Regulation of long-term Neuronal Synaptic Plasticity, VEGF Signaling

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.479756, Hs.646917 (NCBI Gene Symbol: KDR)
Restrictions:	For Research Use only

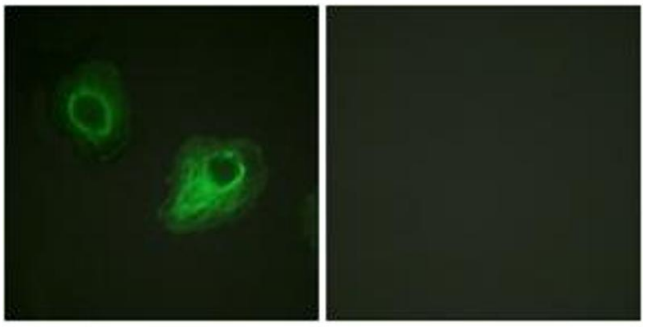
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using VEGFR2 (Ab-1054) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells, using VEGFR2 (Ab-1054) Antibody. The picture on the right is treated with the synthesized peptide.