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anti-VEGFR2/CD309 antibody (AA 1326-1356)



Images



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Quantity:	0.4 mL		
Target:	VEGFR2/CD309 (VEGFR2)		
Binding Specificity:	AA 1326-1356		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This VEGFR2/CD309 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)		
Product Details			
Immunogen:	A portion of amino acids 1326-1356 from the human protein was used as the immunogen for this VEGFR2 antibody.		
Isotype:	lg Fraction		
Purification:	Purified		
Target Details			
Target:	VEGFR2/CD309 (VEGFR2)		
Alternative Name:	VEGFR2 (VEGFR2 Products)		
Background:	KDR (FLK1) is a receptor for VEGF or VEGFC. This protein has a tyrosine-protein kinase activity.		

The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development

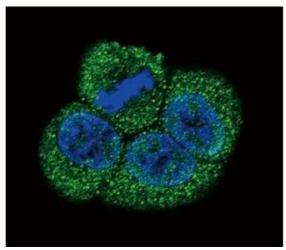
Target Details

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	and regulation of vascular permeability.		
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:	Titration of the VEGFR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50,IHC (Paraffin): 1:50-1:100		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide		
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:	Comment: Aliquot the VEGFR2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-that cycles.		



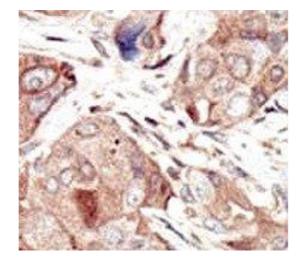
Western Blotting

Image 1. Western blot analysis of VEGFR2 antibody and HeLa cell lysate.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of VEGFR2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Immunohistochemistry

Image 3. IHC analysis of FFPE human breast carcinoma tissue stained with the VEGFR2 antibody

Please check the product details page for more images. Overall 6 images are available for ABIN3028781.