VEGFR2(Phospho-Tyr1214) Antibody

Catalog No: #11085

Package Size: #11085-1 50ul #11085-2 100ul



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

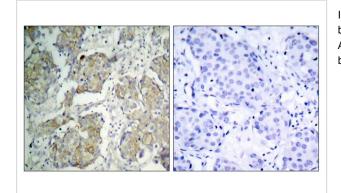
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Product Name	VEGFR2(Phospho-Tyr1214) Antibody			
Host Species	Rabbit			
Clonality	Polyclonal			
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.			
	Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho			
	specific antibodies were removed by chromatogramphy using non-phosphopeptide.			
Applications	WB IHC IF			
Species Reactivity	Hu Ms Rt			
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at tyrosine 1214.			
Immunogen Type	Peptide-KLH			
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1214 (F-H-Y(p)-D-N) derived from Human VEGFR2.			
Target Name	VEGFR2			
Modification	Phospho			
Other Names	FLK1; KDR; VGFR2; VGR2; kinase insert domain receptor			
Accession No.	Swiss-Prot: P35968NCBI Protein: NP_002244.1			
Uniprot	P35968			
GeneID	3791;			
Calculated MW	152kDa			
Concentration	1.0mg/ml			
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02%			
	sodium azide and 50% glycerol.			
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.			

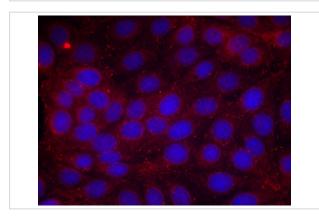
Application Details

Predicted MW: 230kd Western blotting: 1:500~1:1000 Immunohistochemistry: 1:50~1:100 Immunofluorescence: 1:100~1:200

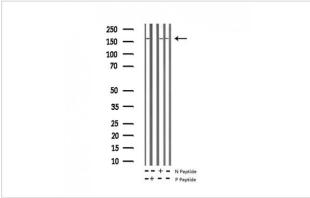
Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using VEGFR2(Phospho-Tyr1214) Antibody #11085(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF cells using VEGFR2(Phospho-Tyr1214) Antibody #11085.



Western blot analysis of extracts from mouse kidney/rat kidney, using Phospho-VEGFR2 (Tyr1214) Antibody.
-/+ means absence or presence of N peptide(non-phospho peptide) and P peptide(phospho peptide).
Please contact us if you have any other questions.

Background

Receptor for VEGF or VEGFC. 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

Lamalice L, et al. (2004). Oncogene.23(2): 434-445.

Takahashi T, et al. (2001). EMBO J .20(11): 2768-2778.

Note: This product is for in vitro research use only