VEGF Receptor 2 Rabbit mAb

Catalog No: #48823

Package Size: #48823-1 50ul #48823-2 100ul

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

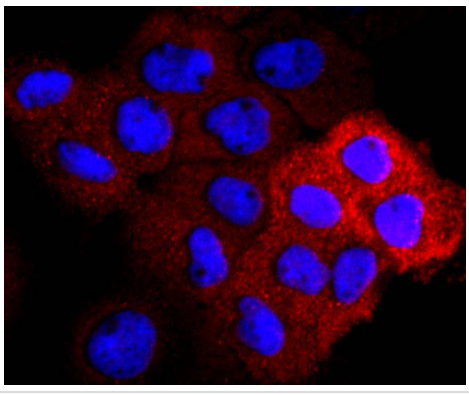
Description

Product Name	VEGF Receptor 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SU03-42
Purification	ProA affinity purified
Applications	WB, ICC, IHC, IP
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	CD309 antibody CD309 antigen antibody EC 2.7.10.1 antibody Fetal liver kinase 1 antibody FLK-1 antibody FLK1 antibody FLK1, mouse, homolog of antibody Kdr antibody Kinase insert domain receptor (a type III receptor tyrosine kinase) antibody Kinase insert domain receptor antibody KRD1 antibody Ly73 antibody Protein tyrosine kinase receptor FLK1 antibody Protein-tyrosine kinase receptor flk-1 antibody soluble VEGFR2 antibody Tyrosine kinase growth factor receptor antibody Vascular endothelial growth factor receptor 2 antibody VEGFR 2 antibody VEGFR antibody VEGFR-2 antibody VEGFR2 antibody VGFR2_HUMAN antibody
Accession No.	Swiss-Prot#:P35968
Uniprot	P35968
GeneID	3791;
Calculated MW	152 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

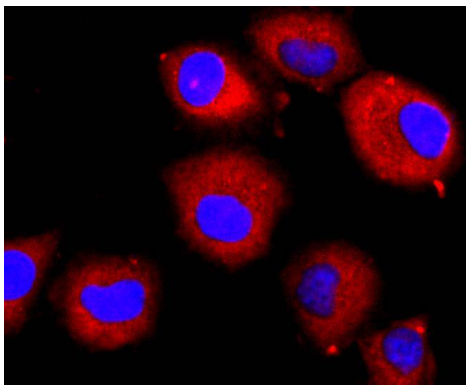
Application Details

WB: 1:500-1:1000IHC: 1:50-1:100ICC: 1:50-1:200

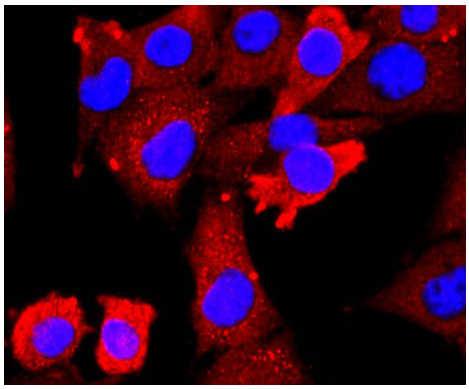
Images



ICC staining VEGF Receptor 2 in A431 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining VEGF Receptor 2 in HUVEC cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining VEGF Receptor 2 in PMVEC cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Three cell membrane receptor tyrosine kinases, Flt (also designated VEGF-R1) (1-3), Flk-1 (also designated VEGF-R2) (4-6) and Flt-4, putatively involved in the growth of endothelial cells, are characterized by the presence of seven immunoglobulin-like sequences in their extracellular domain. These receptors exhibit high degrees of sequence relatedness to each other as well as lesser degrees of relatedness to the class III receptors including CSF-1/Fms, PDGR, SLFR/Kit and Flt-3/Flk-2. Two members of this receptor class, Flt-1 and Flk-1, have been shown to represent high affinity receptors for vascular endothelial growth factors (VEGFs) (3,5). On the basis of structural similarity to Flt and Flk-1, it has been speculated that Flt-4 might represent a third receptor for either VEGF or a VEGF-related ligand.

References

Note: This product is for in vitro research use only