

## VEGF Receptr 2 Antibody

Catalog No: #48346

Package Size: #48346-1 50ul #48346-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

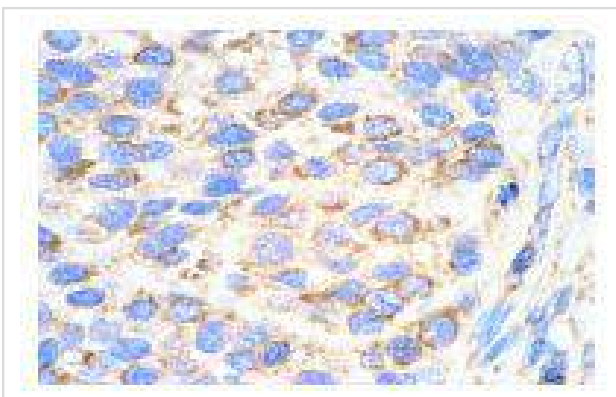
## Description

Product Name	VEGF Receptr 2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2G5
Purification	ProA affinity purified
Applications	WB, IP, IF, IHC(P)
Species Reactivity	Hu, Ms, Rt
Immunogen Description	peptide
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#:P35918
Calculated MW	150 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000IHC: 1:50-500IP: 1-2 µg per 100-500 µg of total protein

## Images



Immunoperoxidase staining of formalin-fixed, paraffin-embedded human colon carcinoma tissue showing membrane staining.

## Background

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Three cell membrane receptor tyrosine kinases, Flt (also designated VEGF-R1), Flk-1 (also designated VEGF-R2) and Flt-4, putatively involved in the growth of endothelial cells, are characterized by the presence of seven immunoglobulinlike 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). 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

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1. Murohara, T., et al. 2000. Transplanted cord blood-derived endothelial precursor cells augment postnatal neovascularization. *J. Clin. Invest.* 105:1527-1536.
2. Li, X., et al. 2011. Calcineurin-NFAT signaling critically regulates early lineage specification in mouse embryonic stem cells and embryos. *Cell Stem Cell* 8: 46-58.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.