

Rabbit VEGF 1 Monoclonal Antibody | anti-FLT1 antibody

VEGF Receptor 1 Antibody

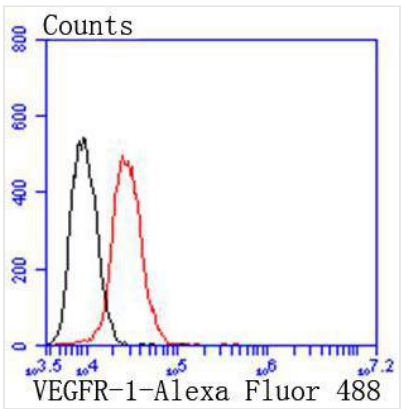
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30023	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

VEGF 1; Monoclonal Antibody; VEGF Receptor 1 Antibody; EC 2.7.10.1 antibody; FLT 1 antibody; FLT antibody; Flt-1 antibody; FLT1 antibody; Fms like tyrosine kinase 1 antibody; Fms related tyrosine kinase 1 antibody; Fms related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) antibody; Fms related tyrosine kinase 1 vascular endothelial growth factor/vascular permeability factor receptor antibody; Fms-like tyrosine kinase 1 antibody; FRT antibody; Soluble VEGF receptor 1 14 antibody; Soluble VEGFR1 variant 2 antibody; Soluble VEGFR1 variant 21 antibody; Tyrosine protein kinase FRT antibody; Tyrosine protein kinase receptor FLT antibody; Tyrosine-protein kinase FRT antibody; Tyrosine-protein kinase receptor FLT antibody; Vascular endothelial growth factor receptor 1 antibody; Vascular endothelial growth factor vascular permeability factor receptor antibody; Vascular permeability factor receptor 1 antibody; Vascular permeability factor receptor antibody; VEGFR 1 antibody; VEGFR-1 antibody; VEGFR1 antibody; VGFR1_HUMAN antibody; anti-FLT1 antibody

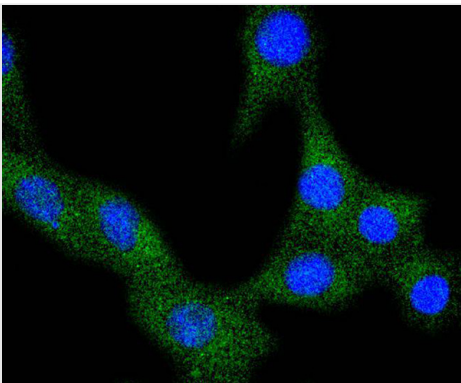
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SY09-09
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FLT1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



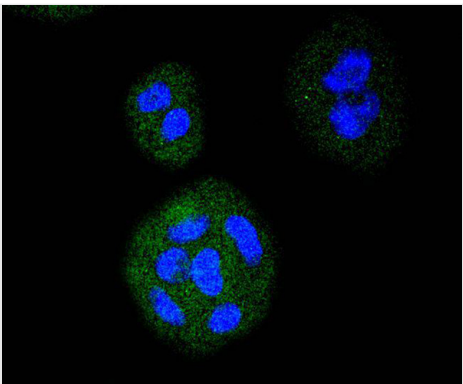
FCM (Flow Cytometry)

Flow cytometric analysis of A431 cells with VEGF Receptor 1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



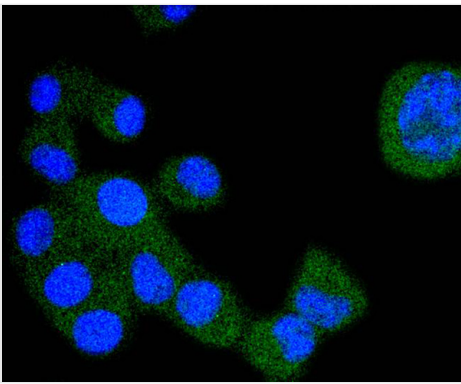
ICC (Immunocytochemistry)

ICC staining VEGF Receptor 1 in SHG-44 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



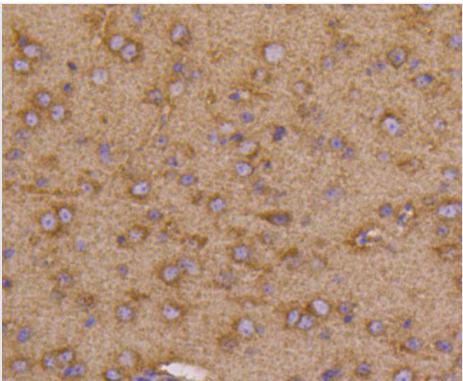
ICC (Immunocytochemistry)

ICC staining VEGF Receptor 1 in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



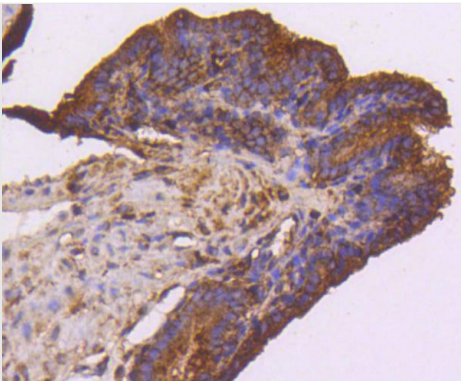
ICC (Immunocytochemistry)

ICC staining VEGF Receptor 1 in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-VEGF Receptor 1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse placenta tissue using anti-VEGF Receptor 1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-FLT1 antibody	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 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). 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.
Product Categories/Family for anti-FLT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	229892220
NCBI GeneID	2321
NCBI Accession #	NP_001153392.1
NCBI GenBank Nucleotide #	NM_001159920.1
UniProt Accession #	P17948; O60722; P16057; A3E342; A3E344; A8KA71; B0LPF1; B2BF46; B2BF47; B3FR89; B5A923; F5H5L6
Molecular Weight	150,769 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 1 isoform 2
NCBI Official Synonym Full Names	fms-related tyrosine kinase 1
NCBI Official Symbol	FLT1
NCBI Official Synonym Symbols	FLT; FLT-1; VEGFR1; VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	FLT1
UniProt Synonym Gene Names	FLT; FRT; VEGFR1; VEGFR-1; FLT-1; FLT
UniProt Entry Name	VGFR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/vegf-1-antibody-clone-sy09-09-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30023>