



# Rabbit Anti-FLT1 monoclonal antibody, clone TZ10-10 (CABT-L607)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	VEGF Receptor 1
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TZ10-10
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF, IHC, IP, FC
<b>Molecular Weight</b>	151 kDa
<b>Cellular Localization</b>	Cell membrane, Endosome, Secreted, Cytoplasm.
<b>Positive Control</b>	N2A, RH-35, SHG-44, HepG2, mouse brain tissue, mouse lung tissue, mouse placenta tissue.
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

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<b>Storage</b>	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	EC 2.7.10.1;FLT 1;FLT;Flt-1;FLT1;Fms like tyrosine kinase 1;Fms related tyrosine kinase 1;Fms related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor);Fms related tyrosine kinase 1 vascular endothelial growth factor/vascular permeability factor receptor;Fms-like tyrosine kinase 1;FRT;Soluble VEGF receptor 1 14;Soluble VEGFR1 variant 2;Soluble VEGFR1 variant 21;Tyrosine protein kinase FRT;Tyrosine protein kinase receptor FLT;Tyrosine-protein kinase FRT;Tyrosine-protein kinase receptor FLT;Vascular endothelial growth factor receptor 1;Vascular endothelial growth factor vascular permeability factor receptor;Vascular permeability factor receptor 1;Vascular permeability factor receptor;VEGFR 1;VEGFR-1;VEGFR1;VGFR1_HUMAN antibody

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