



Anti-FLT1 (extracellular domain) polyclonal antibody (CPBT-65324RH)

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

PRODUCT INFORMATION

Product Overview	This product recognises the extracellular (N-terminal) domain of human Vascular Endothelial Growth Factor Receptor 1 (VEGFR1 or Flt-1), a 180 kDa membrane receptor tyrosine kinase. It is expressed by almost all vascular endothelial cell and some peripheral blood monocytes. Vascular Endothelial Growth Factor is a regulator of physiological angiogenesis during embryogenesis, skeletal growth and reproductive functions. Western Blotting detects a band of approximately 75kDa in human endothelial cell lysate.
Specificity	VEGF RECEPTOR 1
Immunogen	Peptide corresponding to the N-terminal (extracellular) domain of human VEGF receptor 1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Serum - liquid
Size	100 µl
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	FLT1 fms-related tyrosine kinase 1 [Homo sapiens (human)]
Official Symbol	FLT1
Synonyms	FLT1; fms-related tyrosine kinase 1; FLT; FLT-1; VEGFR1; VEGFR-1; 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-rela
Entrez Gene ID	2321
Protein Refseq	NP_001153392
UniProt ID	P17948
Chromosome Location	13q12
Pathway	Angiogenesis; Cytokine-cytokine receptor interaction; Endocytosis; Focal Adhesion; Focal adhesion; Glypican 1 network; HIF-1 signaling pathway; HIF-2-alpha transcription factor network;
Function	ATP binding; VEGF-A-activated receptor activity; VEGF-B-activated receptor activity; growth factor binding; identical protein binding; placental growth factor-activated receptor activity; protein binding; transmembrane receptor protein tyrosine kinase activity; vascular endothelial growth factor-activated receptor activity;