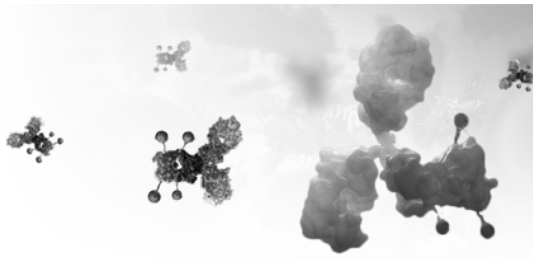

Magic™ Anti-TIE2 (Phospho Y992) monoclonal antibody, clone FQS2164(O)(C) (DCABH-4227)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to TIE2 (phospho Y992)
Antigen Description	This protein is a protein tyrosine-kinase transmembrane receptor for angiopoietin 1. It may constitute the earliest mammalian endothelial cell lineage marker. Probably regulates endothelial cell proliferation, differentiation and guides the proper patterning of endothelial cells during blood vessel formation.
Specificity	This antibody only detects TIE2 phosphorylated at tyrosine 992.
Target	TIE2
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyrosine 992 of Human TIE2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS2164(O)(C)
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	HUVEC cell lysate treated with pervanadate; HUVEC cells treated with pervanadate
Format	Liquid
Size	100 µl

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Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide
Storage	Store at -20℃.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	TEK TEK tyrosine kinase, endothelial [Homo sapiens]
Official Symbol	TEK
Synonyms	TEK; TEK tyrosine kinase, endothelial; venous malformations, multiple cutaneous and mucosal , VMCM; angiopoietin-1 receptor; CD202b; TIE 2; TIE2; VMCM1; hTIE2; p140 TEK; soluble TIE2 variant 1; soluble TIE2 variant 2; endothelial tyrosine kinase; tyrosine
Entrez Gene ID	7010
Protein Refseq	NP_000450
UniProt ID	Q02763
Chromosome Location	9p21
Pathway	Angiogenesis, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem; Tie2 Signaling, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein binding; protein kinase activity; protein tyrosine kinase activity; protein tyrosine kinase activity; receptor activity; transmembrane receptor protein tyrosine kinase activity;

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