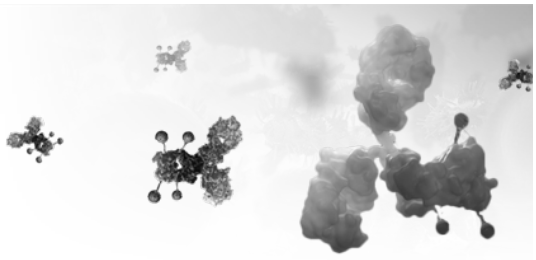

Rabbit Anti-Human TIE2 monoclonal antibody, clone S227 (CABT-ZB437)

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

PRODUCT INFORMATION

Specificity	It reacts with Human TIE2
Target	TEK
Immunogen	Recombinant Human Tie2/CD202b/TEK protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S227
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap), FC, ICC/IF This antibody will detect TIE2 in antibody pair set. [ABPR-ZB011]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Tie2 / CD202b / TEK.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

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Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	TEK, or TIE-2, is an endothelial cell-specific receptor tyrosine kinase (RTK) that is known as a functioning molecule of vascular endothelial cells. TEK comprises a subfamily of RTK with TIE, and these two receptors play critical roles in vascular maturation, maintenance of integrity and remodeling. Targeted mutagenesis of both Tek and its agonistic ligand, Angiopoietin-1, result in embryonic lethality, demonstrating that the signal transduction pathways mediated by this receptor are crucial for normal embryonic development. TEK signaling is indispensable for the development of the embryonic vasculature and suggests that TEK signaling may also be required for the development of the tumor vasculature.
Keywords	TEK; TEK tyrosine kinase; endothelial; TIE2

GENE INFORMATION

Synonyms	TEK; TEK tyrosine kinase; endothelial; TIE2; VMCM; TIE-2; VMCM1; CD202B; angiopoietin-1 receptor; endothelial tyrosine kinase; tyrosine-protein kinase receptor TEK; tunica interna endothelial cell kinase; tyrosine-protein kinase receptor TIE-2; tyrosine kinase with Ig and EGF homology domains-2; anti-TIE-2
Entrez Gene ID	7010
UniProt ID	Q02763

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