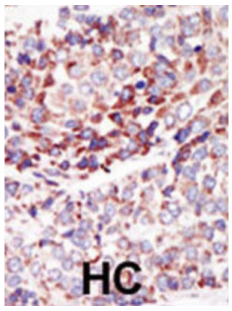
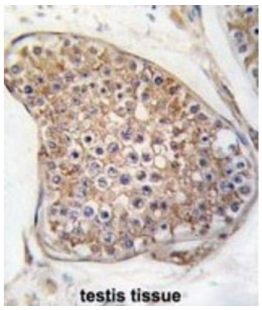
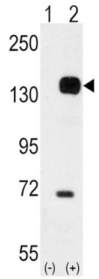
Angiopoietin-1 Receptor / TIE2 (TEK) Antibody

Catalogue No.:abx033613







The TIE2 receptor tyrosine kinase is expressed almost exclusively in endothelial cells in mice, rats, and humans. This receptor possesses a unique extracellular domain containing 2 immunoglobulin-like loops separated by 3 epidermal growth factor-like repeats that are connected to 3 fibronectin type III-like repeats. The ligand for the receptor is angiopoietin-1. Defects in TIE2 are associated with inherited venous malformations; the TIE2 signaling pathway appears to be critical for endothelial cell-smooth muscle cell communication in venous morphogenesis. TIE2 is closely related to the TIE receptor tyrosine kinase.

Target:	Angiopoietin-1 Receptor / TIE2 (TEK)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit

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Recommended dilutions:	WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 758-789 amino acids from the C-terminal region of human TEK (TIE2).
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q02763 (UniProt, ExPASy)
NCBI Accession:	NP_000450.2
KEGG:	hsa:7010
String:	9606.ENSP00000369375
Molecular Weight:	Calculated MW: 126 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Cow TEK.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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