

Datasheet for ABIN289554 **anti-TIE1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TIE1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	TIE1 antibody was raised in rabbit using a 21 amino acid peptide of human TIE1 conjugated to KLH.
Isotype:	IgG1
Cross-Reactivity (Details):	This human TIE1 sequence is 90 % conserved in mouse, 63 % in bovine Tie-1. No significant sequence homology is seen with Tie-2.
Purification:	Affinity chromatography purified

Target Details

Target:	TIE1
Alternative Name:	TIE1 (TIE1 Products)
Background:	The family of receptor tyrosine kinases TIE1 and TIE 2 or Tek has been identified in vascular endothelium and hematopoietic cells. Ties may represent the earliest endothelial cell lineage

Target Details

	marker and may regulate the endothelial cell proliferation, differentiation, and proper patterning during vasculogenesis.
Pathways:	RTK Signaling

Application Details

Application Notes:	ELISA: 1:10,000-1:100,000, HC: 2-20 µg/mL, IF: 2-20 µg/mL, WB: 1-10 µg/mL Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in PBS to a concentration of 1 mg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 0.1 % BSA.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.