

Datasheet for ABIN1589940 **anti-TIE1 antibody**

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Overview

Quantity:	100 µg
Target:	TIE1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIE1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TIE-1 antibody
Immunogen:	Recombinant mouse sTIE-1 (ABIN1589959)
Isotype:	IgG
Specificity:	Recombinant mouse sTIE-1
Characteristics:	Chromosomal location: 4 D2.1, 4 50.0 cM
Purification:	Protein A purified

Target Details

Target:	TIE1
Alternative Name:	TIE-1 (TIE1 Products)
Background:	Tie1, TIE, tie-1, D430008P04Rik, TIE-1 (tyrosine kinase with Ig and EGF homology domains 1)

Target Details

and TIE-2/Tek comprise a receptor tyrosine kinase (RTK) subfamily with unique structural characteristics: two immunoglobulin-like domains flanking three epidermal growth factor (EGF)-like domains and followed by three fibronectin type III-like repeats in the extracellular region and a split tyrosine kinase domain in the cytoplasmic region. These receptors are expressed primarily on endothelial and hematopoietic progenitor cells and play critical roles in angiogenesis, vasculogenesis and hematopoiesis.

Gene ID:	21846
NCBI Accession:	NM_011587 , NP_035717
UniProt:	Q06806
Pathways:	RTK Signaling

Application Details

Application Notes:	Western Blot: use at 2-5 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.
Buffer:	PBS
Handling Advice:	Centrifuge vial prior to opening.
Storage:	4 °C, -20 °C
Storage Comment:	The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots.
Expiry Date:	24 months