

Datasheet for ABIN1589692 **anti-TIE1 antibody**



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Overview

Quantity:	100 µg
Target:	TIE1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	TIE-1 antibody
Immunogen:	Recombinant human soluble TIE-1
Clone:	8C9
Isotype:	IgG1
Specificity:	Recombinant human soluble TIE-1
Cross-Reactivity (Details):	The monoclonal antibody will detect native human TIE-1 in ELISA experiments and on the surface of different human cell types. The antibody can be used for ELISA experiments, Western blotting, FACS and cell sorting.
Characteristics:	Chromosomal location: 1p34-p33 The monoclonal antibody was produced with the help of BALB/c mice using recombinant human soluble extracellular TIE-1 as the immunizing antigen.

Product Details

Purification:	Mouse IgG1 antibody (#8C9) from hybridomas was purified from cell culture supernatant by Protein G chromatography.
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Target Details

Target:	TIE1
Alternative Name:	TIE-1 (TIE1 Products)
Background:	TIE1, TIE, JTK14,TIE-1 (tyrosine kinase with Ig and EGF homology domains 1) 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:	7075
NCBI Accession:	NM_005424 , NP_005415
UniProt:	P35590
Pathways:	RTK Signaling

Application Details

Application Notes:	ELISA: Use at 1-15 µg/mL, Western blotting: Use at 1-2 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

Handling

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