





Tie-1 Monoclonal Antibody

Catalog No BYmab-13700 Isotype IgG Reactivity Human;Mouse;Rat Applications WB Gene Name TIE1 Protein Name Tyrosine-protein kinase receptor Tie-1 Immunogen The antiserum was produced against synthesized peptide derived from human TIE1. AA range: 851-900 Specificity Tie-1 Monoclonal Antibody detects endogenous levels of Tie-1 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms TIE1; TIE; Tyrosine-protein kinase receptor Tie-1 Observed Band 130kD Cell Pathway Cell membrane; Single-pass type I membrane protein Tissue Specificity Specifically expressed in developing vascular endothelial cells. Function catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate, functi		
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Background	This gene encodes a member of the tyrosine protein kinase family. The encoded protein plays a critical role in angiogenesis and blood vessel stability by inhibiting angiopoietin 1 signaling through the endothelial receptor tyrosine kinase Tie2. Ectodomain cleavage of the encoded protein relieves inhibition of Tie2 and is mediated by multiple factors including vascular endothelial growth factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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