

For Research Use Only

Tie-2 Recombinant antibody

Catalog Number: 84469-5-RR



Basic Information

Catalog Number: 84469-5-RR	GenBank Accession Number: NM_001290549.1	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 21687	CloneNo.: 241753F12
Source: Rabbit	UNIPROT ID: Q02858	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: endothelial-specific receptor tyrosine kinase	
	Calculated MW: 126kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : bEnd.3 cells,
Species Specificity: mouse	

Background Information

Tie-2, or TEK, is a receptor tyrosine kinase (RTK) specifically expressed in endothelial cells. It plays a crucial role in angiogenesis, forming new blood vessels, and maintaining vascular stability. Tie-2 is a member of the Tie receptor family, characterized by the presence of immunoglobulin and epidermal growth factor (EGF) homology domains. Tie-2 plays a significant role in several vascular diseases, including vascular malformations like venous malformations. It is also implicated in pathological vascular remodeling associated with tumor growth, where it is often overexpressed in tumor vessels.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

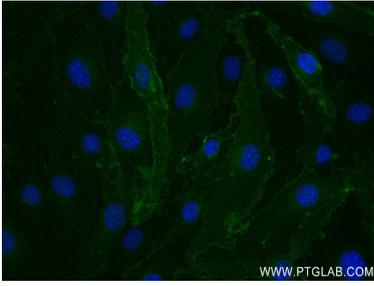
For technical support and original validation data for this product please contact:

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed bEnd.3 cells using Tie-2 antibody (84469-5-RR, Clone: 241753F12) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).