

For Research Use Only

Tie2 Polyclonal antibody

Catalog Number: 13282-1-AP



Basic Information

Catalog Number: 13282-1-AP	GenBank Accession Number: BC035514	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7010	
Source: Rabbit	Full Name: TEK tyrosine kinase, endothelial	
Isotype: IgG	Calculated MW: 1124 aa, 126 kDa	
Immunogen Catalog Number: AG4032		

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

Tie2 (also known as TEK) is a tyrosine-protein kinase expressed almost exclusively on endothelial cells. It contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. Tie2 acts as cell-surface receptor for ANGPT1, ANGPT2 and ANGPT4 and regulates angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton, but also maintenance of vascular quiescence. Mutations in the gene of Tie2 are associated with inherited venous malformations of the skin and mucous membranes.

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