

For Research Use Only

Tie-2/CD202b Recombinant antibody, PBS Only

Catalog Number: 86010-2-PBS



Basic Information

Catalog Number: 86010-2-PBS	GenBank Accession Number: BC035514	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 7010	CloneNo.: 250234F8
Source: Rabbit	UNIPROT ID: Q02763	
Isotype: IgG	Full Name: TEK tyrosine kinase, endothelial	
Immunogen Catalog Number: EG3367	Calculated MW: 1124 aa, 126 kDa	
	Observed MW: 120 kDa, 160 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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 a 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 Tie2 are associated with inherited venous malformations of the skin and mucous membranes. Human Tie2 has a calculated molecular weight of 126 kDa. As a result of glycosylation, the apparent molecular mass of Tie2 is approximately 140-160 kDa.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

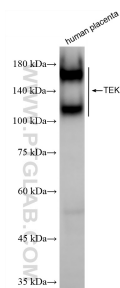
T: 4006900926

E: Proteintech-CN@ptglab.com

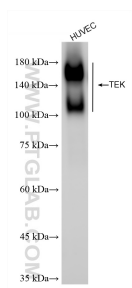
W: ptgcn.com

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Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 86010-2-RR (TEK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86010-2-PBS in a different storage buffer formulation.



HUVEC cells were subjected to SDS PAGE followed by western blot with 86010-2-RR (TEK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86010-2-PBS in a different storage buffer formulation.