

For Research Use Only

Anti-Human Tie-2/CD202b Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98462-3-PBS



Basic Information

Catalog Number:

98462-3-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3367

GenBank Accession Number:

BC035514

GeneID (NCBI):

7010

UNIPROT ID:

Q02763

Full Name:

TEK tyrosine kinase, endothelial

Calculated MW:

1124 aa, 126 kDa

Purification Method:

Protein A purification

CloneNo.:

25023484

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Tie-2, also known as CD202b 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 -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:

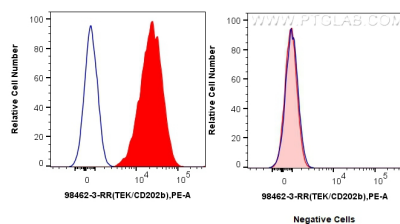
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 HUVEC cells (left) or 293T cells (right) were surface stained with 0.15 μ g Anti-Human Tie-2/CD202b Rabbit RecAb (98462-3-RR, Clone: 250234B4) or 0.15 μ g Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L)(red). Cells were not fixed. This data was developed using the same antibody clone with 98462-3-PBS in a different storage buffer formulation.