

For Research Use Only

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

Catalog Number: 98219-1-PBS



Basic Information

Catalog Number:

98219-1-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001290549.1

GeneID (NCBI):

21687

UNIPROT ID:

Q02858

Full Name:

endothelial-specific receptor tyrosine kinase

Calculated MW:

126kDa

Purification Method:

Protein A purification

CloneNo.:

241753F12

Applications

Tested Applications:

FC

Species Specificity:

mouse

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

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

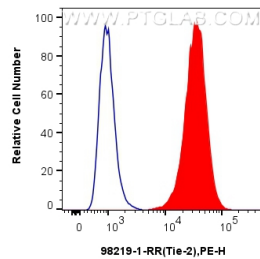
T: 4006900926

E: Proteintech-CN@ptglab.com

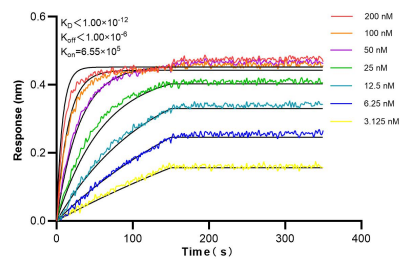
W: ptgcn.com

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Selected Validation Data



1x10⁶ bEnd.3 cells were surface stained with 0.25 ug Anti-Mouse Tie-2 Rabbit Recombinant Antibody (98219-1-RR, Clone:241753F12) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98219-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98219-1-RR against Mouse Tie-2/CD202b were performed. The affinity constant is below 1 pM.