

For Research Use Only

Tie-2/CD202b Recombinant antibody

Catalog Number: 98219-1-RR



Basic Information

Catalog Number:

98219-1-RR

Size:

100ug , 1000 µg/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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

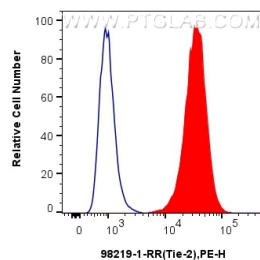
For technical support and original validation data for this product please contact:

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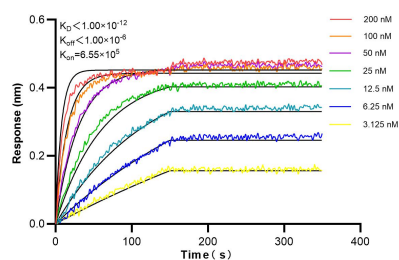
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1×10^6 bEnd.3 cells were surface stained with 0.25 μ g Anti-Mouse Tie-2 Rabbit Recombinant Antibody (98219-1-RR, Clone:241753F12) (red) or 0.25 μ g 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.



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