

For Research Use Only

# Mouse Tie-2 Recombinant antibody, PBS Only

Catalog Number: 84469-5-PBS



## Basic Information

### Catalog Number:

84469-5-PBS

### Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

### 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:

IF/ICC, Indirect ELISA

### Species Specificity:

mouse

## Background Information

Tie-2, 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.

### Storage Buffer:

PBS Only

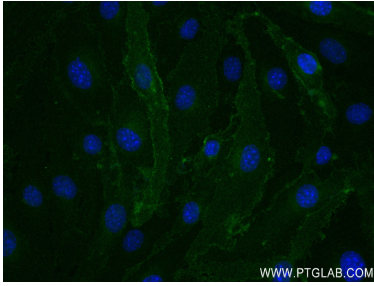
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed bEnd.3 cells using Tie-2 antibody (84469-5-RR, Clone: 241753F12 ) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84469-5-PBS in a different storage buffer formulation.