

For Research Use Only

# Anti-Mouse Endoglin/CD105 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98290-1-PBS



## Basic Information

Catalog Number:

98290-1-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_007932.2

GeneID (NCBI):

13805

UNIPROT ID:

Q63961

Full Name:

endoglin

Calculated MW:

70kDa

Purification Method:

Protein A purification

CloneNo.:

242305E7

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## Background Information

Endoglin (ENG, CD105) is a homodimeric cell membrane glycoprotein of 180 kDa, composed of disulphide-linked subunits of 90-95 kDa. Endoglin is a proliferation-associated and hypoxia-inducible protein mainly expressed on vascular endothelial cells. It acts as an accessory receptor for transforming growth factor beta (TGF- $\beta$ ) and is involved in vascular development and remodelling. The important role of Endoglin in angiogenesis and in tumor progression makes it an ideal target for antiangiogenic therapy and a good marker for tumor prognosis. (PMID: 1326540; 14528280; 21737653; 12773481)

## 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:

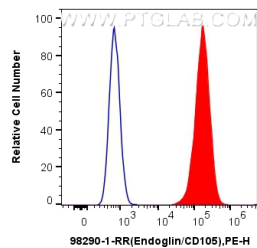
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

## Selected Validation Data



$1 \times 10^6$  bEnd.3 cells were surface stained with 0.25 ug Anti-Mouse Endoglin/CD105 Rabbit RecAb (98290-1-RR, Clone: 242305E7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed. This data was developed using the same antibody clone with 98290-1-PBS in a different storage buffer formulation.