

For Research Use Only

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

Catalog Number: 98013-2-PBS



## Basic Information

Catalog Number:

98013-2-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC014271

GeneID (NCBI):

2022

UNIPROT ID:

P17813

Full Name:

endoglin

Calculated MW:

71 kDa

Purification Method:

Protein A purification

CloneNo.:

241196D9

## Applications

Tested Applications:

FC

Species Specificity:

human

## 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 remodeling. 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:

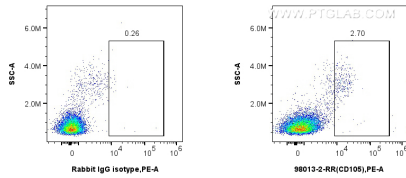
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

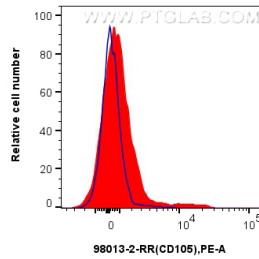
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (98013-2-RR, Clone: 241196D9) or 0.25 ug Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98013-2-PBS in a different storage buffer formulation.



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (98013-2-RR, Clone: 241196D9) (red) or 0.25 ug Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98013-2-PBS in a different storage buffer formulation.