

For Research Use Only

# FITC Plus Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody



Catalog Number: **FITC-98013**

## Basic Information

Catalog Number:

FITC-98013

Size:

100tests, 5  $\mu$  l/test

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.:

230047E5

Excitation/Emission maxima  
wavelengths:

495 nm / 524 nm

## 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 2-8°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

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

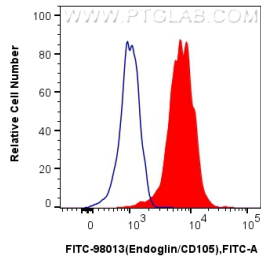
T: 4006900926

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

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

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 5ul FITC Plus Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (FITC-98013, Clone: 230047E5) (red), or 0.25 ug Isotype Control (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. Monocytes were gated.