

For Research Use Only

Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody

Catalog Number: 98013-1-RR



Basic Information

Catalog Number:

98013-1-RR

Size:

100ug, 1 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.:

230047E5

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- β) 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

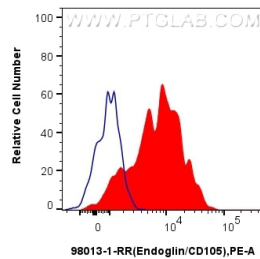
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

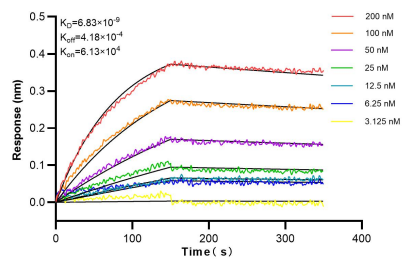
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (98013-1-RR, Clone:230047E5) and PE-conjugated Goat Anti-Rabbit IgG(red), or 0.25 ug Isotype Control (blue). Cells were not fixed. Monocytes were gated.



Biolayer interferometry (BLI) kinetic assays of 98013-1-RR against Human Endoglin/CD105 were performed. The affinity constant is 6.83 nM.