For Research Use Only

CoraLite®594 Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody



Catalog Number: CL594-98013

Basic Information

Catalog Number:

CL594-98013

Size:

100tests, 5 ul/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:

588 nm / 604 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 (TFG- 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

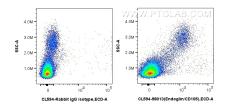
Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

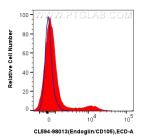
torage Buffer

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1x10^6 human PBMCs were surface stained with 5 ul CoraLite®594 Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (CL594-98013, Clone:230047E5), or Isotype Control. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10^6 human PBMCs were surface stained with 5 ul CoraLite®594 Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (CL594-98013, Clone:230047E5)(red), or Isotype Control (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.