

For Research Use Only

FcZero-rAb[®] APC Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98013

1 Publications

Basic Information

Catalog Number:

APC-FcA98013

Concentration:

100 tests, 5 μ l/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0587

GenBank Accession Number:

BC014271

GeneID (NCBI):

2022

UNIPROT ID:

P17813

Full Name:

endoglin

Calculated MW:

71 kDa

Purification Method:

Protein A purification

CloneNo.:

241196D9

Recommended Dilutions:

FC: 5 μ l per 10^6 cells in 100 μ l suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Shuangshuang Wang	42106764	Stem Cell Res Ther	

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

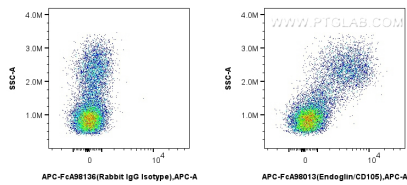
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul APC Anti-Human Endoglin/CD105 Rabbit RecAb (APC-FcA98013, Clone:241196D9), or 5 ul APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.