

For Research Use Only

FITC Plus Anti-Mouse Endoglin/CD105 Rabbit Recombinant Antibody

Catalog Number: FITC-98290



Basic Information

Catalog Number:

FITC-98290

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1292

GenBank Accession Number:

NM_007932.2

GeneID (NCBI):

13805

UNIPROT ID:

Q63961

Full Name:

endoglin

Calculated MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

242305E7

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : bEnd.3 cells,

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 remodelling. 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.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

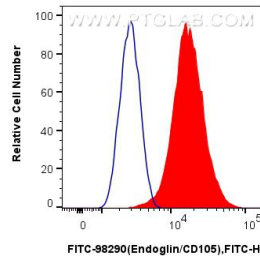
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Selected Validation Data



1×10^6 bEnd.3 cells were surface stained with 0.25 μ g FITC Plus Anti-Mouse Endoglin/CD105 Rabbit RecAb (FITC-98290, Clone: 242305E7) (red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.