

A24319

Leader in Biomolecular Solutions for Life Science



ABflo® 647 Rabbit anti-Human CD105/Endoglin mAb

Catalog No.: A24319

Basic Information

Observed MW

Calculated MW

67kDa/70kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC62399-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

2022

Swiss Prot

P17813

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 26-337 of human CD105/Endoglin(NP_001108225.1).

Synonyms

ENG; END; HHT1; ORW1; endoglin

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

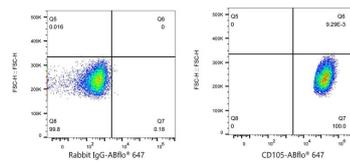
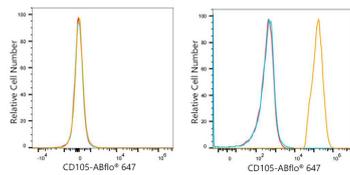
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 HAP1 cells (negative control, Left) and HUVEC (Right) were surface-stained with ABflo® 647 Rabbit anti-Human CD105/Endoglin mAb (A24319, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 HUVEC cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-CD105/Endoglin mAb (A24319, 5 μ l/Test, right).