Leader in Biomolecular Solutions for Life Science

ABflo® 594 Rabbit anti-Human CD105/Endoglin mAb

ABclonal
www.abclonal.com

Catalog No.: A24320

Basic Information

Observed MW

Calculated MW
67kDa/70kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC62399-ABflo594

Conjugate
ABflo® 594. Ex:588nm. Em:604nm.

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 10^6 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

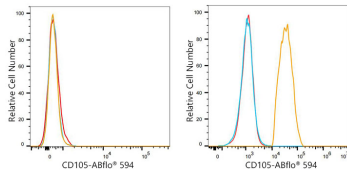**Isotype**
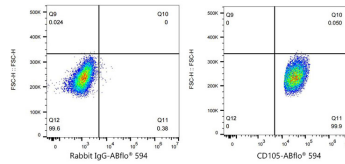IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data

Flow cytometry:1X10^6 HAP1 cells (negative control,Left) and HUVEC (Right) were surface-stained with ABflo® 594 Rabbit anti-Human CD105/Endoglin mAb(A24320,5 μl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 μl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:1X10^6 HUVEC cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 μl/Test,left) or ABflo® 594 Rabbit anti-CD105/Endoglin mAb(A24320,5 μl/Test,right).