

ABflo® 594 Rabbit anti-Human CD105/Endoglin mAb

Catalog No.: A24320

Basic Information

Observed MW

Calculated MW

67kDa/70kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC62399

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 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

2022

Swiss Prot

P17813

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ENG; END; HHT1; ORW1; endoglin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

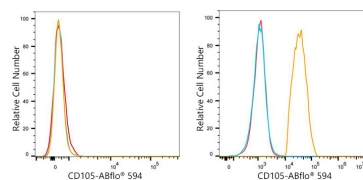
Affinity purification

Storage

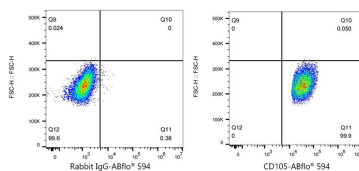
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

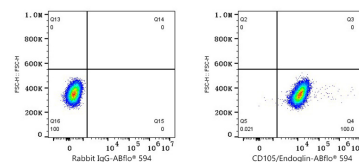
Validation Data



Flow cytometry: 1X10⁶ 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: 1X10⁶ 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).



Flow cytometry: 1X10⁶ Human mesenchymal stem cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 µl/Test, left) or ABflo® 594 Rabbit anti-Human CD105/Endoglin mAb (A24320, 5 µl/Test, right).