

Rabbit anti-Human CD105 mAb

Catalog NO.: A28163

Basic Information

Observed MW

Refer to figures

Calculated MW

67kDa/70kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC62399

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 1:100 - 1:500

Immunogen Information

Gene ID

2022

Swiss Prot

P17813

Immunogen

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

Synonyms

END; HHT1; ORW1

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

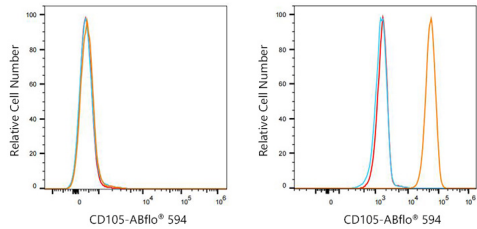
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide,pH7.3.

Validation Data



Flow cytometry: 1X10⁶ HAP1 cells (negative control,left) and HUVEC cells (right) were surface-stained with Rabbit anti-Human CD105 mAb (A28163,2 µg/mL,orange line) or Rabbit IgG isotype control (AC042,2 µg/mL,blue line), followed by Alexa Fluor® 594 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

