

# PE Mouse anti-Human CD105 mAb

Catalog No.: A22840

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

71kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

AMC0548

### Conjugate

PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

FC 10  $\mu$ L/Test

## 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.

## Immunogen Information

### Gene ID

2022

### Swiss Prot

P17813

### Immunogen

Recombinant protein of human CD105.

### Synonyms

END; HHT1; ORW1

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG2a

### Purification

Affinity purification

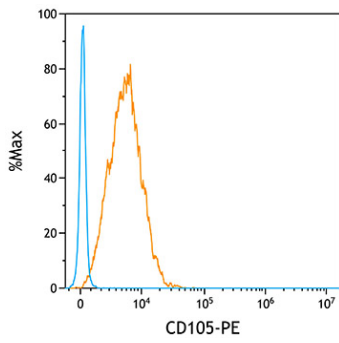
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.1% Proclin300,0.2% BSA,pH7.2.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with PE Mouse anti-Human CD105 mAb (A22840, orange line) or PE Mouse IgG2a isotype control mAb (A22881, blue line).