

Datasheet for ABIN969012

**anti-Endoglin antibody**

5 Images

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## Overview

Quantity:	100 µL
Target:	Endoglin (ENG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Endoglin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human CD105 expressed in E. coli.
Clone:	3A9
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	Endoglin (ENG)
Alternative Name:	CD105 ( <a href="#">ENG Products</a> )
Background:	Description: 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 TGFB1 and TGFB3 with high affinity.

## Target Details

Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia.  
Aliases: ENG, END, ORW, HHT1, ORW1, CD105, FLJ41744

Molecular Weight: 71 kDa

Gene ID: 2022

HGNC: 2022

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

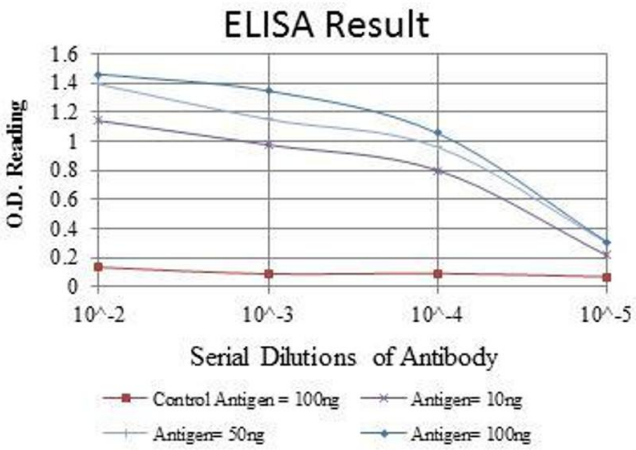
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

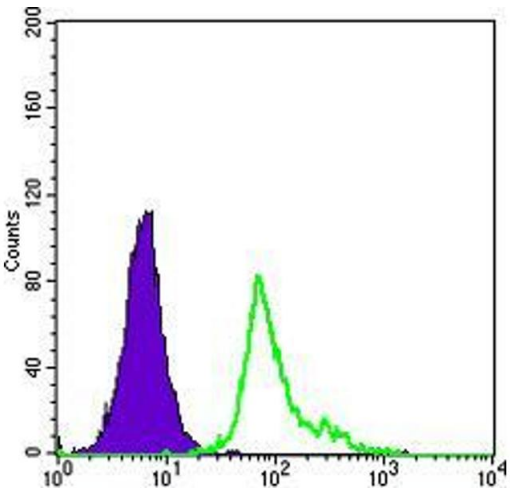
## Publications

Product cited in: Wang, Wu, Zhou, Guo, Zheng, Wang, Bi, Liu, Zhou, Guo, Sha: "Mapping of the N-linked glycoproteome of human spermatozoa." in: **Journal of proteome research**, Vol. 12, Issue 12, pp. 5750-9, (2013) ([PubMed](#)).



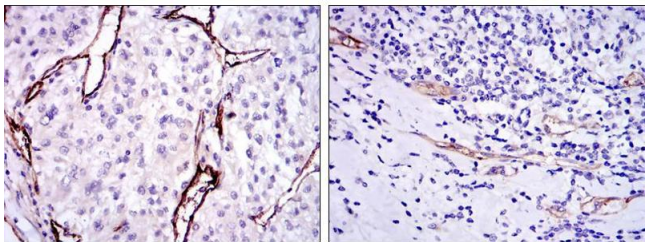
### ELISA

**Image 1.** Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),



### Flow Cytometry

**Image 2.** Flow cytometric analysis of HepG2 cells using CD105 mouse mAb (green) and negative control (purple).



### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded kidney cancer tissues (left) and stomach cancer tissues (right) using CD105 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969012.