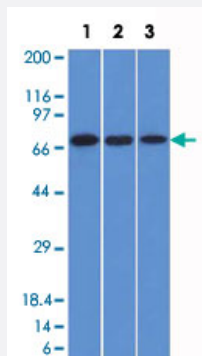


ENG monoclonal antibody, clone ENG/1326

Catalog # MAB14512 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa, Lane 2: A431 and Lane 3: HL-60 cell lysates with ENG monoclonal antibody, clone ENG/1326 (Cat # MAB14512).

Specification

Product Description Mouse monoclonal antibody raised against partial recombinant human ENG.

Immunogen Recombinant protein corresponding to amino acids 74-251 of human ENG.

Host Mouse

Theoretical MW (kDa) 84

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1

Recommend Usage

- Flow Cytometry (0.5-1 ug/10⁶ cells in 0.1 mL)
- Immunofluorescence (1-2 ug/mL)
- Western Blotting (1-2 ug/mL)
- The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: HeLa, Lane 2: A431 and Lane 3: HL-60 cell lysates with ENG monoclonal antibody, clone ENG/1326 (Cat # MAB14512).

- Immunofluorescence

- Flow Cytometry

Gene Info — ENG

Entrez GeneID[2022](#)**Protein Accession#**[P17813](#)**Gene Name**

ENG

Gene Alias

CD105, END, FLJ41744, HHT1, ORW, ORW1

Gene Description

endoglin

Omim ID[131195](#) [187300](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CD105 antigen|OTTHUMP00000022221|Osler-Rendu-Weber syndrome 1

Publication Reference

- [Expression and structural features of endoglin \(CD105\), a transforming growth factor beta1 and beta3 binding protein, in human melanoma.](#)

Altomonte M, Montagner R, Fonsatti E, Colizzi F, Cattarossi I, Brasoveanu LI, Nicotra MR, Cattelan A, Natali PG, Maio M.

British Journal of Cancer 1996 Nov; 74(10):1586.

Disease

- [Aneurysm](#)
- [Arteriovenous Malformations](#)
- [Cardiovascular Diseases](#)
- [Central Nervous System Vascular Malformations](#)
- [Chromosome Aberrations](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Epistaxis](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hypertension](#)
- [Intracranial Aneurysm](#)
- [Intracranial Arteriovenous Malformations](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Lung Neoplasms](#)
- [Pre-Eclampsia](#)
- [Pulmonary Disease](#)
- [Scleroderma](#)

- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Telangiectasia](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)