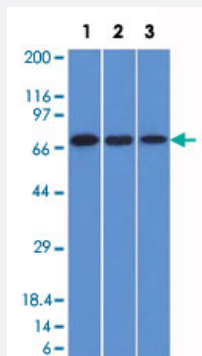


ENG monoclonal antibody, clone ENG/1326

Catalog # MAB14768 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 # MAB14768).

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.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

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 # MAB14768).

- Immunofluorescence

- Flow Cytometry

Gene Info — ENG

Entrez GeneID	2022
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Protein Accession#	P17813
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Gene Name	ENG
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Gene Alias	CD105, END, FLJ41744, HHT1, ORW, ORW1
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Gene Description	endoglin
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Omim ID	131195 187300
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Gene Ontology	Hyperlink
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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]
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Other Designations	CD105 antigen OTTHUMP00000022221 Osler-Rendu-Weber syndrome 1
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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](#)
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- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)