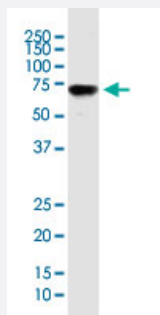


ENG monoclonal antibody (M26), clone 1E5

Catalog # H00002022-M26

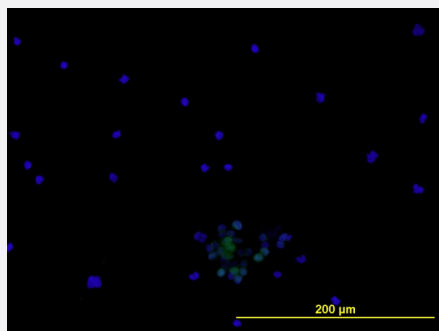
Size 50 ug

Applications



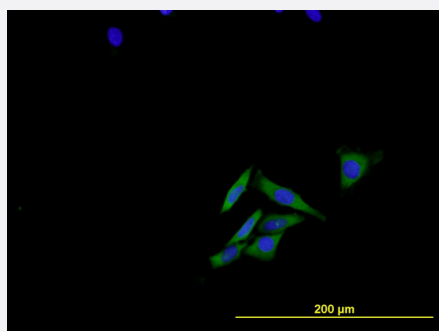
Western Blot (Tissue lysate)

ENG monoclonal antibody (M26), clone 1E5. Western Blot analysis of ENG expression in human lung cancer.



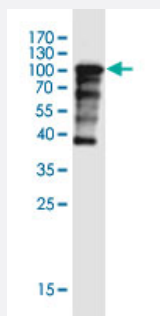
Immunofluorescence

Immunofluorescence of monoclonal antibody to ENG on PBMCs cell . [antibody concentration 10 ug/ml]



Immunofluorescence

Immunofluorescence of monoclonal antibody to ENG on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (95.26 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ENG.
Immunogen	ENG (AAH14271, 27 a.a. ~ 658 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TVHCDLQPVGPERDEVYTTTSQVSKGCVAQAPNAILEVHVLFLFPTGPSQLELTQASKQNGT WPREVLLVLSVNSSVFLHLQALGIPLHLAYNSSLVTFQEPPGVNTELPSPFKTQILEWAAERGPIT SAAELNDPQSILLRLGQAQGSLSFCMLEASQDMGRTLEWRPRTPALVRGCHLEGVAGHKEAHIL RVLPGHSAGPRTVTVKVELSCAPGDLDVILQGGPPYVSWLIDANHNMQIWTGGEYSFKIFPEKNIR GFKLPDTPQGLLGEARMLNASIVASFVELPLASVSLHASSCGRLQTSPAPIQTTPPKDTCSP LMSLIQTKCADDAMTLVLKKELVAHLKCTITGLTFWDPSCEAEDRGDKFVLRSAISSCGMQVSA SMISNEAVVNILSSSSPQRKKVHCLNMDLSLQGLGLYSPHFLQASNTIEPGQSFVQVRVSPSV SEFLLQLDSCHLDLGPEGTVELIQGRAAKGNCVSLSPSPEGDPFRFSLLHFYTVPIPKGTGLSC TVALRPKTGSQDQEVHRTVFMRLNIISPDLSGCTSKGLVLPVAVLGITFGAFLIGALLTAALWYYSHT RSPSKREPVVAVAAPASSESSSTNHSIGSTQSTPCSTSSMA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (73)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (95.26 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ENG monoclonal antibody (M26), clone 1E5. Western Blot analysis of ENG expression in human lung cancer.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ENG on PBMCs cell . [antibody concentration 10 ug/ml]

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ENG on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — ENG

Entrez GeneID [2022](#)

GeneBank Accession# [BC014271](#)

Protein Accession# [AAH14271](#)

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

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](#)