Endoglin (ENG) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Endoglin (ENG), Polyclonal Antibody
Full Product Name	Endoglin (CD105, ENG, END) (MaxLight 490)
Product Gene Name	anti-ENG antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ENG.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human ENG, aa1-658 (AAH14271.1).
Immunogen Sequence	MDRGTLPLAVALLLASCSLSPTSLAETVHCDLQPVGPERDEVTYTTSQVSKGCVAQAPNAILEVHVLFLEFPTGPSQLELTLQASKQNGTWPREVLLVLSV
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-ENG antibody	Antibodies; Endonucleases
Applications Tested/Suitable for anti-ENG antibody	Western Blot (WB)
Application Notes for anti-ENG antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ENG antibody	Endoglin (CD105) is a homodimeric integral membrane glycoprotein comprised of a 95kD subunit. Endoglin is a component of the TGF-B receptor syst
Other Notes	Small volumes of anti-ENG antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa
Searchable Terms for ENG purchase	MBS6377344 is an antibody targeting ENG. Also known as Endoglin (CD105, ENG, END) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ENG. It may not necessarily be applicable to this product.

NCBI GI #	33871100
NCBI GeneID	2022
NCBI Accession #	BC014271.2
NCBI Related Accession #	AAH14271.1
UniProt Related Accession #	P17813
NCBI Official Full Name	Homo sapiens endoglin, mRNA
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; HHT1; ORW1
Protein Family	Endoglin
NCBI Protein Information	endoglin
NCBI Summary for ENG	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. [provided by RefSeq, May 2013]
Research Articles on ENG	**1.** ENG expression is upregulated in airway epithelia of cystic fibrosis patients. ENG overexpression doubled TGF-beta1 mRNA and increased TGF-beta signaling in 16HBE cells.
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