

Rabbit anti-Human ENG Polyclonal Antibody | anti-ENG antibody

ENG Antibody (Center)

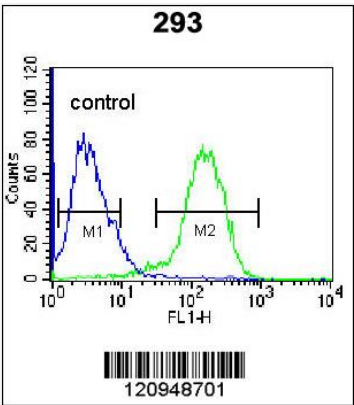
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289036	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

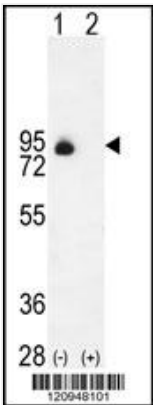
ENG; Polyclonal Antibody; ENG Antibody (Center); Endoglin; CD105; END; anti-ENG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ENG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 265-294 amino acids from the Central region of human ENG.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	265-294
Sequence Length	625
Applicable Applications for anti-ENG antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ENG Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ENG (arrow) using rabbit polyclonal ENG Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ENG gene.

ADDITIONAL INFORMATION

Related Product Information for anti-ENG antibody	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.
Product Categories/Family for anti-ENG antibody	Cancer; Cardiovascular; Developmental Biology; Metabolism
References	Lopez-Novoa, J.M., et al. Am. J. Physiol. Heart Circ. Physiol. 299 (4), H959-H974 (2010) : Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Zabaneh, D., et al. PLoS ONE 5 (8), E11961 (2010) : Maynard, S.E., et al. Hypertens Pregnancy 29(3):330-341(2010) Rius, C., et al. Blood 92(12):4677-4690(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1; NP_001108225.1; NP_001265067.1
NCBI GenBank Nucleotide #	NM_000118.3
UniProt Accession #	P17813; Q14248; Q14926; Q5T9C0
Molecular Weight	70578
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; HHT1; ORW1
NCBI Protein Information	endoglin
UniProt Protein Name	Endoglin

UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/eng-antibody-flow-cytometry-western-blot-elisa/289036>