

Anti-Human ENG Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04022

3th Edition

Description:ENG (Endoglin) is a Protein Coding gene. Diseases associated with ENG include Telangiectasia, Hereditary Hemorrhagic, Type 1 and Hereditary Hemorrhagic Telangiectasia. Among its related pathways are Angiogenesis (CST) and HIF-1-alpha transcription factor network. GO annotations related to this gene include protein homodimerization activity and glycosaminoglycan binding. An important paralog of this gene is TGFBR3. 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.

Antigen:Synthetic peptide from human protein

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Endoglin is restricted to endothelial cells in all tissues except bone marrow.