

Product Information

Recombinant Anti-Human ENG Single Domain Antibody

Cat. No.: **NAB-L109**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Single Domain Antibody to human ENG.

Antigen Description

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

Specific Activity

Tested positive against native human antigen.

Target

ENG

Immunogen

The details of the immunogen for this antibody are not available.

Source

llama

Species Reactivity

Human

Type

llama Single Domain Antibody

Expression Host

E.coli

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[ENG endoglin \[Homo sapiens \]](#)

Official Symbol

ENG

Synonyms

ENG; endoglin; ORW, ORW1, Osler Rendu Weber syndrome 1; CD105; END; HHT1; CD105 antigen; ORW; ORW1; FLJ41744;

Gene ID

[2022](#)

mRNA Refseq

[NM_000118](#)

Protein Refseq

[NP_000109](#)

MIM

[131195](#)

UniProt ID

P17813

Chromosome Location

9q34.11

Pathway

HIF-1-alpha transcription factor network, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;

Function

activin binding; galactose binding; glycosaminoglycan binding; glycosaminoglycan binding; protein binding; contributes_to protein binding; protein homodimerization activity; protein homodimerization activity; transforming growth factor beta binding; transforming growth factor beta receptor, cytoplasmic mediator activity; transforming growth factor beta-activated receptor activity; transmembrane signaling receptor activity; type I transforming growth factor beta receptor binding; type I transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding;