

产品概述

产品名 (Product Name)	Anti ENG polyclonal antibody
货号 (Catalog No.)	ATP048
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, other species was not test
应用实验 (Tested applications)	WB: 1:2000~1:8000, ICC: 1:50~200, IHC: 1:50~100
克隆性 (Clonality)	Polyclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human ENG(Thr27-Gly581).
别名	ENG, CD105, END, Endoglin
Uniprot ID	P17813

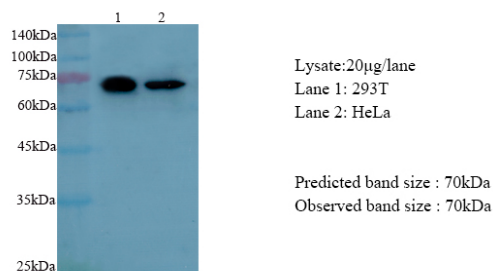
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH 7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.65mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	71kDa
纯化方式 (Purity)	Antigen affinity purification

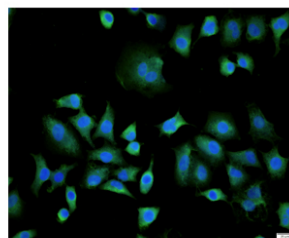
应用

WB, ICC, IHC

产品实验图片



Various lysates were subjected to SDS PAGE followed by western blot with ENG antibody at dilution of 1:1000.



Immunofluorescent analysis of A549 cells using ENG antibody at dilution of 1:50 and Alexa Fluor-488 conjugated Affinipure Goat anti rabbit IgG(H+L).

产品背景

Endoglin (ENG, CD105) is a homodimeric cell membrane glycoprotein of 180 kDa, composed of disulphide-linked subunits of 95 kDa. Endoglin is a proliferation-associated and hypoxia-inducible protein mainly expressed on vascular endothelial cells. It acts as an accessory receptor for transforming growth factor beta (TGF- β) and is involved in vascular development and remodelling. The important role of Endoglin in angiogenesis and in tumor progression makes it an ideal target for antiangiogenic therapy and a good marker for tumor prognosis. (PMID: 1326540,14528280,21737653,12773481)