

Nur für Forschungszwecke

Endoglin/CD105 Polyklonaler Antikörper



Katalog-Nr.: 10862-1-AP

Vorgestelltes Produkt

20 Publikationen

Allgemeine Informationen

Katalog-Nr.: 10862-1-AP	GenBank-Zugangsnummer: BC014271	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 2022	Empfohlene Verdünnungen: WB 1:500-1:1000 IP 0.5-4.0 µg für IP und 1:200-1:1000 für WB IHC 1:1000-1:4000
Wirt: Kaninchen	Vollständiger Name: endoglin	
Isotyp: IgG	Berechnete Masse: 71 kDa	
Immunogen Katalognummer: AG1287	Beobachtete Masse: 75-90 kDa, 170-180 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

FC, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte, Rind

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Plazenta-Gewebe,

IP : Mauslungengewebe,

IHC : humanes Mammakarzinomgewebe, humanes Leberkarzinomgewebe, humanes Plazenta-Gewebe, Rattennierengewebe

Hintergrundinformationen

Endoglin (ENG, CD105) is a homodimeric cell membrane glycoprotein of 180 kDa, composed of disulphide-linked subunits of 90-95 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)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Qian Huang	36210850	Front Pharmacol	IHC,WB
Yuri Miyakawa	36087522	Arch Oral Biol	IF
Tao Chen	34822812	Exp Cell Res	WB,IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

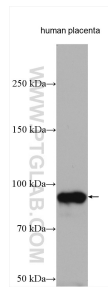
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

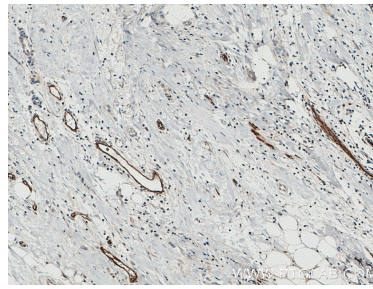
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

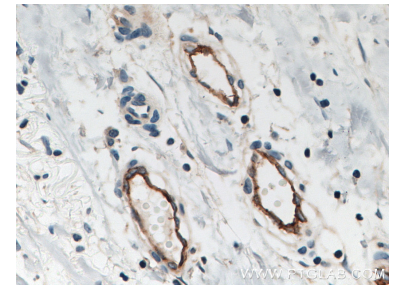
Ausgewählte Validierungsdaten



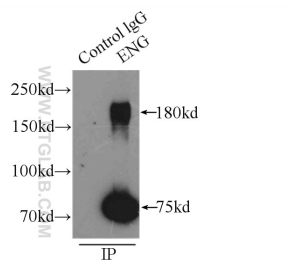
human placenta tissue was subjected to SDS PAGE followed by western blot with 10862-1-AP (Endoglin/CD105 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



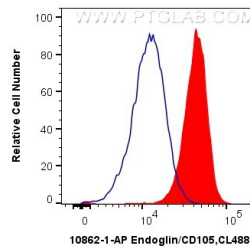
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10862-1-AP (Endoglin/CD105 antibody) at dilution of 1:4000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10862-1-AP (Endoglin/CD105 antibody) at dilution of 1:4000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Endoglin/CD105 (IP:10862-1-AP, 3ug; Detection:10862-1-AP 1:300) with mouse lung tissue lysate 4000ug.



1X10⁶ THP-1 cells were intracellularly stained with 0.4 ug Anti-Human Endoglin/CD105 (10862-1-AP) and Coralite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).