

For Research Use Only

CoraLite®488-conjugated Endoglin/CD105 Monoclonal antibody



Catalog Number: **CL488-67075**

Basic Information

Catalog Number: CL488-67075	GenBank Accession Number: BC014271	Purification Method: Protein A purification
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2022	CloneNo.: 2D5E8
Source: Mouse	Full Name: endoglin	Excitation/Emission maxima wavelengths: 488 nm/515 nm
Isotype: IgG2b	Calculated MW: 71 kDa	
Immunogen Catalog Number: AG27837	Observed MW: 95-100 kDa	

Applications

Tested Applications:

FC

Species Specificity:

Human

Background Information

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)

Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

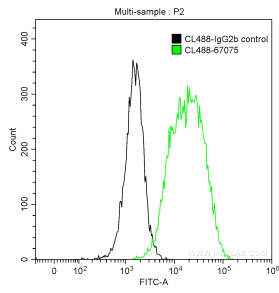
For technical support and original validation data for this product please contact:

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.

Selected Validation Data



1X10⁶ HUVEC cells were stained with 0.2 ug CoraLite@488 Anti-Human Endoglin/CD105 (CL488-67075, Clone: 2D5E8) (green), or 0.2 ug CoraLite@488 mouse IgG2b isotype control (black). Cells were fixed with 90% MeOH.