

For Research Use Only

Anti-Mouse Endoglin/CD105 (MJ7/18)

Catalog Number: 65048-1-Ig 1 Publications



Basic Information

Catalog Number:	65048-1-Ig	GenBank Accession Number:	BC029080	Purification Method:	Affinity purification
Size:	500ug, 0.5 mg/ml	GeneID (NCBI):	13805	CloneNo.:	MJ7/18
Source:	Rat	UNIPROT ID:	Q63961	Recommended Dilutions:	IF-P 1:200-1:800
Isotype:	IgG2a, kappa	Full Name:	endoglin		

Applications

Tested Applications:	IF-P, FC	Positive Controls:	IF-P: mouse liver tissue,
Cited Applications:	IF		
Species Specificity:	mouse		
Cited Species:	mouse		

Background Information

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Bo Wang	39004161	Bone	IF

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
Borate buffered saline, pH 8.2.

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

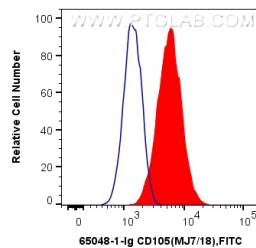
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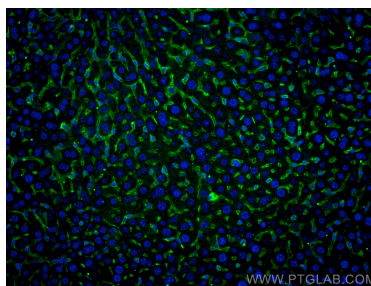
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Selected Validation Data



1×10^6 bEnd.3 cells were surface stained with 0.25 μ g Anti-Mouse CD105 (65048-1-Ig, Clone: MJ7/18) and FITC anti-rat IgG2a Antibody at dilution 1:100 (red), or 0.25 μ g Control Antibody. Cells were not fixed.



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CD105 antibody (65048-1-Ig, Clone: MJ7/18) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).