CD105 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD105, Polyclonal Antibody
Full Product Name	CD105 Polyclonal Antibody Cy5 Conjugated
Product Gene Name	anti-CD105 antibody
Product Synonym Names	END; HHT1; ORW1; Endoglin; CD15; ENG
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Purity/Purification	Purified by Protein A
Concentration	1mgml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months.
Molecular Weight	70,578 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (130577291..130617047, complement). Location: 9q34.11
OMIM	131195
3D Structure	ModBase 3D Structure for P17813
Conjugation	Cy5
Excitation Emission	625,650nm 670nm
Immunogen	KLH conjugated synthetic peptide aa 60-110 658 derived from human CD105
Product Categories/Family for anti-CD105 antibody	Conjugated Primary Antibodies
Applications Tested/Suitable for anti-CD105 antibody	Immunofluorescence (IF), Flow Cytometry (FC/FACS)
Application Notes for anti-CD105 antibody	FC/FACS:1:20-10 IF: 1:50-200
Related Product Information for anti-CD105 antibody	Major glycoprotein of vascular endothelium. Involved in the regulation of angiogenesis. May play a critical role in the binding of endothelial cells to integrins and or other RGD receptors. Acts as TGF-beta coreceptor and is involved in the TGF-beta BMP signaling cascade. Required for GDF2 BMP9 signaling through SMAD1 in endothelial cells and modulates TGF-beta1 signaling through SMAD3.
Other Notes	Small volumes of anti-CD105 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD105 purchase	MBS9461479 is an antibody targeting CD105. Also known as CD105 Polyclonal Antibody Cy5 Conjugated. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD105. It may not necessarily be applicable to this product.

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1
UniProt Primary Accession #	P17813
UniProt Secondary Accession #	Q14248; Q14926; Q5T9C0
UniProt Related Accession #	P17813
GenBank Nucleotide #	NM_000118.2
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; ORW; HHT1; ORW1; CD105
UniProt Protein Name	Endoglin
Protein Family	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN
NCBI Protein Information	endoglin; CD105 antigen
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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