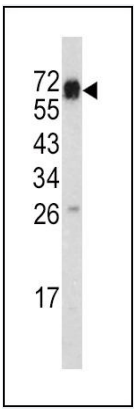
CD105 Antibody – Rabbit Polyclonal

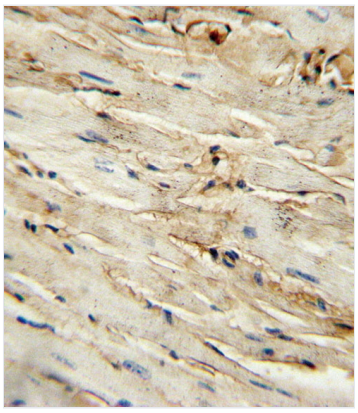
PRODUCT OVERVIEW

Product Name	CD105, Polyclonal Antibody
Full Product Name	CD105, ID (E395) (ENG, END, Endoglin, CD105) (FITC)
Product Gene Name	anti-CD105 antibody
Product Synonym Gene Name	ENG
Product Synonym Names	ENG; END; Endoglin; CD105
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A/G Affinity Chromatography.
Specificity	Recognizes human CD105. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
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
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 380-409 in the central region of human CD105, UniProt Accession #P17813.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-CD105 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD105 antibody	Immunohistochemistry (IHC) Paraffin, Western Blot (WB), Flow Cytometry (FC/FACS), FLISA
Application Notes for anti-CD105 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CD105 antibody	MBS6282710 is an antibody targeting CD105. Also known as CD105, ID (E395) (ENG, END, Endoglin, CD105) (FITC). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-CD105 antibody	1. Chen, Y., Ann. Neurol. 66 (1), 19-27 (2009). 2. Rius, C., Blood 92 (12), 4677-4690 (1998).

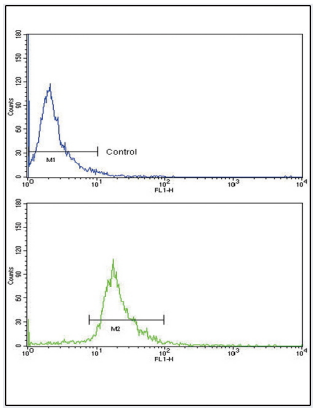
Other Notes	Small volumes of anti-CD105 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CD105 antibody
Western Blot analysis of mouse heart tissue lysates (35ug/lane) usingMBS646818. CD105 (arrow) was detected usingMBS646818.



Immunohistochemistry (IHC) of anti-CD105 antibody
Immunohistochemistry analysis of formalin fixed and paraffin embedded mouse heart tissue using MBS646818 followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MBS646818 for immunohistochemistry.



Flow Cytometry (FC/FACS) of anti-CD105 antibody
Flow Cytometric analysis of NCI-H292 cells using MBS646818 (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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