

Technical Data Sheet

Product	<b>Anti-Hu CD105 Purified</b>	
Cat. Number/Size	<b>11-453-C025</b>	<b>0.025 mg</b>
	<b>11-453-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

---

Antigen	CD105
Clone	MEM-229
Format	Purified
Reactivity	Pig, Human
Negative species	Dog, Horse
Application	FC (QC tested), WB, IHC(F), ICC
Application details	Flow cytometry: Recommended dilution: 2-6 µg/ml; positive control: Kg1 human acute myelogenous leukemia cell line. Immunohistochemistry (frozen sections): Recommended dilution: 1:200, acetone fixation. Western blotting: Non-reducing conditions.
Isotype	Mouse IgG2a
Specificity	The antibody MEM-229 recognizes an extracellular epitope of CD105 (Endoglin), a 90 kDa type I integral membrane homodimer glycoprotein expressed on vascular endothelial cells (small and large vessels), activated monocytes and tissue macrophages, stromal cells of certain tissues including bone marrow, pre-B lymphocytes in fetal marrow and erythroid precursors in fetal and adult bone marrow; it is also present on syncytiotrophoblast on placenta throughout pregnancy.
Other names	Endoglin, END, ENG, HHT1, ORW1
Immunogen	Recombinant <i>Vaccinia</i> virus containing the human CD105 (L-isoform) cDNA.
Entrez Gene ID	2022
Gene name	ENG
NCBI Full Gene Name	endoglin
UniProt ID	P17813

---

Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

---

Images and References [www.exbio.cz](http://www.exbio.cz)

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.