

Technical Data Sheet

Product	<b>Anti-Hu CD4 Purified</b>	
Cat. Number/Size	<b>11-203-C025</b>	<b>0.025 mg</b>
	<b>11-203-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD4	
Clone	MEM-115	
Format	Purified	
Reactivity	Human	
Application	FC (QC tested), IP	
Application details	Immunoprecipitation: Excellent. Flow cytometry: Recommended dilution: 3 µg/ml. Although it has not been tested rigorously, following data suggest that the antibody MEM-115 is a low-affinity antibody: its binding to T cells increases at elevated temperature, monovalent Fab fragments essentially do not bind to T cells.	
Isotype	Mouse IgG2a	
Specificity	The antibody MEM-115 recognizes an extracellular epitope in the D1 domain of CD4 antigen, a 55 kDa transmembrane glycoprotein expressed on a subset of T lymphocytes ("helper" T cells) and also on monocytes, tissue macrophages and granulocytes. It is negative in Western blotting even with non-reduced samples of cell lysates.	
Other names	T4/Leu-3, L3T4	
Workshop	HLDA V: WS Code T T-CD04.09	
Immunogen	Human thymocytes and T lymphocytes.	
Entrez Gene ID	920	
Gene name	CD4	
NCBI Full Gene Name	CD4 molecule	
UniProt ID	P01730	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography	
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label.	
Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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.