



	Technical Data Sheet	
Product	Anti-Hu CD4 Purified	
Cat. Number/Size	11-816-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD4	
Clone	EM4	
Format	Purified	
Reactivity	Human	
Application	FC (QC tested), IP, WB	
Application details	Western blotting: Non-reducing conditions. Flow cytometry: Recommended dilution: 1-4 µg/ml	
Isotype	Mouse IgG2a	
Specificity	The mouse monoclonal antibody EM4 recognizes an extracellular epitope 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. This antibody does not block Leu3a and OKT4 binding, and blocks HIV-1 infection in cell to cell system. Very strong flow cytometry staining, brighter than Leu3a, OKT4 and other.	
Other names	T4/Leu-3, L3T4	
Immunogen	Normal human blood 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), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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