

Technical Data Sheet

Product	<b>Anti-Hu CD4 Purified</b>	
Cat. Number/Size	<b>11-816-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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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

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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.

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

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