



	Technical Data Sheet	
Product	Anti-Hu CD3 Purified Low Endotoxin	
Cat. Number/Size	12-381-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3	
Clone	MEM-92	
Format	Purified Low Endotoxin	
Reactivity	Human	
Application	FC (QC tested), IP, FUNC	
Application details	Functional application: The antibody MEM-92 in solution induces early responses of T cell activation (tyrosine phosphorylation, calcium elevation, Erk activation and expression of activation antigens), but it is unable to induce T cell proliferation. Flow cytometry: Recommended dilution: 3-10 µg/ml.	
Isotype	Mouse IgM	
Specificity	The antibody MEM-92 reacts with an extracellular epitope on epsilon chain of human CD3 complex, a part of a bigger multisubunit complex of the T cell receptor (CD3/TCR) expressed on peripheral blood T lymphocytes and mature thymocytes.	
Other names	CD3E, T3E, TCRE	
Workshop	HLDA IV: WS Code T 97	
Immunogen	Human peripheral blood lymphocytes.	
Entrez Gene ID	916	
Gene name	CD3E	
NCBI Full Gene Name	CD3 antigen, epsilon polypeptide	
UniProt ID	P07766	
Concentration	1 mg/ml	
Preparation	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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