

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](http://www.exbio.cz)

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