

Technical Data Sheet

Product	Anti-Hu CD3 Purified Low Endotoxin	
Cat. Number/Size	12-202-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD3
Clone	MEM-57
Format	Purified Low Endotoxin
Reactivity	Human
Application	FC (QC tested), IP, MC (CyTOF), FUNC
Application details	Immunoprecipitation: The antibody MEM-57 immunoprecipitates from a detergent lysate of surface-radioiodinated T cells a strong zone of about 22 kDa and a weak 28-kDa zone, which is typical pattern yielded by a reference antibody Leu-4 (SK7). Functional application: The antibody MEM-57 has strong mitogenic effect on peripheral T lymphocytes, it reacts strongly with gamma/delta T lymphocytes. Flow cytometry: Recommended dilution: 1-4 µg/ml; positive control: peripheral blood lymphocytes, JURKAT human leukemia T cell line.
Isotype	Mouse IgG2a kappa
Specificity	The antibody MEM-57 reacts with an extracellular epitope on gamma-epsilon and delta-epsilon dimers of human CD3 complex, a part of a bigger multisubunit T cell receptor complex (CD3/TCR) expressed on peripheral blood T lymphocytes and mature thymocytes.
Other names	CD3E, T3E, TCRE
Workshop	HLDA IV: WS Code T 96
Immunogen	Human thymocytes and T 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 protein-A affinity chromatography.
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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