



	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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.