



	Technical Data Sheet	
Product	Anti-Hu CD3 Biotin	
Cat. Number/Size	1B-202-C025	0.025 mg
	1B-202-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3	
Clone	MEM-57	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), IP	
Application details	Flow cytometry: Recommended dilution: 2 - 5 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 antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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