



	Technical Data Sheet	
Product	Anti-Hu CD3 Purified Low Endotoxin	
Cat. Number/Size	12-514-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3	
Clone	UCHT1	
Format	Purified Low Endotoxin	
Reactivity	Non-human primates, Human	
Application	FC (QC tested), IP, IHC-F, MC-CyTOF, FUNC	
Application details	Functional application: The immobilized UCHT1 antibody initiates a signaling pathway resulting in T cell activation and proliferation. Immunocytochemistry and immunohistochemistry (frozen sections): The epitope for UCHT1 is resistant to fixation. Flow cytometry: Extracellular and intracellular staining; recommended dilution: 1-4 µg/ml.	
Isotype	Mouse IgG1	
Specificity	The antibody UCHT1 recognizes an extracellular epitope on CD3 antigen of the TCR/CD3 complex on mature human T cells. The UCHT1 antibody reacts with the epsilon chain of the CD3 complex.	
Other names	CD3E, T3E, TCRE	
Workshop	HLDA I: WS Code T 3; HLDA III: WS Code T 126; HLDA III: WS Code T 471; HLDA VI: WS Code T 6T-CD3.1	
Immunogen	human thymocytes followed by Sezary T cells	
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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