

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 kappa
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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