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Technical Data Sheet

Product	**Anti-Hu CD3 Purified Low Endotoxin**
Cat. Number/Size	**12-631-C100** **0.1 mg**
	12-631-M001 **1.0 mg**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD3
Clone	OKT3
Format	Purified Low Endotoxin
Reactivity	Human
Application	FC (QC tested), IHC(F), FUNC
Application details	Functional application: counteracting both generation and function of effector T cells. Flow cytometry: Recommended dilution: 1 µg/ml.
Isotype	Mouse IgG2a
Specificity	The mouse monoclonal antibody OKT3 recognizes an extracellular epitope on CD3 antigen of the TCR/CD3 complex on mature human T cells. This antibody, also known as Orthoclone OKT3 or Muromonab-CD3, has been extensively used as a drug for therapy of acute, glucocorticoid resistant rejection of allogenic renal, heart and liver transplants. It has also been investigated for use in treating T-cell acute lymphoblastic leukemia.
Other names	CD3E, T3E, TCRE
Workshop	HLDA VI: WS Code T6T-R3
Immunogen	human 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