

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.**

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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

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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