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Product Datasheet

Anti-Hu CD3 Purified Low Endotoxin, Clone: [MEM-57], Monoclonal EXB-12-202-C100

Article Name	Anti-Hu CD3 Purified Low Endotoxin, Clone: [MEM-57], Monoclonal
Biozol Catalog Number	EXB-12-202-C100
Supplier Catalog Number	12-202-C100
Alternative Catalog Number	EXB-12-202-C100
Manufacturer	EXBIO
Category	Antikörper
Application	FA, FC, IP, MC
Species Reactivity	Human
Immunogen	Human thymocytes and T lymphocytes.
Product Description	CD3 complex is crucial in transducing antigen-recognition signals into the cytoplasm of T cells and in regulating the cell surface expression of the TCR complex. T cell activation through the antigen receptor (TCR) involves the cytoplasmic tails of t...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[MEM-57]
Isotype	Mouse IgG2a kappa
Buffer	Phosphate buffered saline (PBS), pH 7.4
Storage	2°C to 8°C

Target	CD3
Antibody Type	Monoclonal Antibody
Application Notes	Immunoprecipitation: The antibody MEM-57 immunoprecipitates from a detergent lysate of surface-radioiodinated T cells a strong zone of about 22 kDa and a weak 28-kDa zone, which is typical pattern yielded by a reference antibody Leu-4 (SK7). Functional application: The antibody MEM-57 has strong mitogenic effect on peripheral T lymphocytes, it reacts strongly with gamma/delta T lymphocytes. Flow cytometry: Recommended dilution: 1-4 µg/ml, positive control: peripheral blood lymphocytes, JURKAT human leukemia T cell line.