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Product Datasheet

Anti-Hu CD4 Purified Azide Free, Clone: [MEM-115], Monoclonal EXB-10-203-C100

Article Name Anti-Hu CD4 Purified Azide Free, Clone: [MEM-115], Monoclonal Biozol Catalog Number EXB-10-203-C100 Supplier Catalog Number 10-203-C100 Alternative Catalog Number EXB-10-203-C100 Manufacturer EXBIO Category Antikörper Application FA, FC, IP Species Reactivity Human Immunogen Human thymocytes and T lymphocytes. CD4 (T4) is a single chain transmembrane glycoprotein and belongs to immunoglobulin supergene family. In extracellular region there are 4 immunoglobulin-like domains (1 Ig-like V-type and 3 Ig-like C2-type). Transmembrane region forms 25 aa, cytoplas Clonality Monoclonal Concentration 1 mg/ml Clone Designation [MEM-115] Isotype Mouse IgG2a Buffer Phosphate buffered saline (PBS), pH 7.4 Storage 2°C to 8°C		
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Isotype Mouse IgG2a Buffer Phosphate buffered saline (PBS), pH 7.4	Concentration	1 mg/ml
Buffer Phosphate buffered saline (PBS), pH 7.4	Clone Designation	[MEM-115]
	Isotype	Mouse IgG2a
Storage 2°C to 8°C	Buffer	Phosphate buffered saline (PBS), pH 7.4
	Storage	2°C to 8°C

Target	CD4
Antibody Type	Monoclonal Antibody
Application Notes	Functional application: The antibody MEM-115 blocks binding of HIV gp120 to CD4 molecule and it also strongly inhibits CD4-MHC Class II interactions. Immunoprecipitation: Excellent. Flow cytometry: Recommended dilution: 3 μ g/ml. Although it has not been tested rigorously, following data suggest that the antibody MEM-115 is a low-affinity antibody: its binding to T cells increases at elevated temperature, monovalent Fab fragments essentially do not bind to T cells.