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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.
Product Description	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

Target	CD4
Antibody Type	Monoclonal Antibody
Application Notes	<p>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 µg/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.</p>