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## Product Datasheet

### **Mouse anti Human CD4, conjugated with Biotin, IgG1, Clone: [7E14], Monoclonal NMB-0043**

Article Name	Mouse anti Human CD4, conjugated with Biotin, IgG1, Clone: [7E14], Monoclonal
Biozol Catalog Number	NMB-0043
Supplier Catalog Number	0043
Alternative Catalog Number	NMB-0043
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Immunogen	Derived from the hybridization of mouse NS-1 myeloma cells with spleen cells from BALB/c mice immunized with human peripheral blood T lymphocytes.
Conjugation	Biotin
Product Description	Identification of human helper/inducer T cells expressing the 60,000 M.W. surface antigen (HLA class II reactive). CD4 is present in low density on monocytes....
Clonality	Monoclonal
Concentration	Titered for flow cytometry
Clone Designation	[7E14]

Isotype	IgG1
UniProt	<a href="#">P01730</a>
Buffer	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
Purity	Protein A/G Chromatography
Form	Biotin
Formula	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
Application Notes	<p>PBMC: Add 10 µl of MAB/106 PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 20 to 30°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.</p> <p>WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturers instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.</p> <p>ALLOPHYCOCYANIN : (APC) conjugates are analyzed in multi-color flow cytometry with instruments equipped with a second laser and proper filters. Laser excitation is at 633 nm with a Helium Neon (HeNe) laser or a 600-640 nm (633 nm) range for a Dye laser. Peak fluorescence emission is at 660 nm. RPE-Cy-5 +: Use 5 µl of solution, rather than 10 µl as above. Excites at 488nm and emits at 670nm. Store protected from light.</p>