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Product Datasheet

Mouse anti Human CD3, IgG1, Clone: [M2AB], Unconjugated, Monoclonal NMB-0031

Article Name	Mouse anti Human CD3, IgG1, Clone: [M2AB], Unconjugated, Monoclonal
Biozol Catalog Number	NMB-0031
Supplier Catalog Number	0031
Alternative Catalog Number	NMB-0031
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Immunogen	CD3=Derived from the hybridization of mouse NS-1 myeloma celss with spleen cells from BALB/c mice immunized with human thymocytes.
Conjugation	Unconjugated
Product Description	The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is present on 65-85% of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,00...
Clonality	Monoclonal
Concentration	See vial for concentration
Clone Designation	[M2AB]

Isotype	IgG1
UniProt	P07766
Buffer	Provided as solution in phosphate buffered saline with 0.08% sodium azide
Purity	Protein A/G Chromatography
Form	Unconjugated
Formula	Provided as solution in phosphate buffered saline with 0.08% sodium azide
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 80 °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 as above, however use only 5 µl per test rather than 10 µl. Excites at 488nm and emits at 670nm. Store protected from light.</p>