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Product Datasheet

Mouse anti Human CD45, IgG1, Clone: [BHPT-1], Unconjugated, Monoclonal
NMB-0451

Article Name	Mouse anti Human CD45, IgG1, Clone: [BHPT-1], Unconjugated, Monoclonal
Biozol Catalog Number	NMB-0451
Supplier Catalog Number	0451
Alternative Catalog Number	NMB-0451
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 of BALB/c mice immunized with peripheral blood monocytes from rheumatoid arthritis patient
Conjugation	Unconjugated
Product Description	Identification of all human leukocytes, lymphocytes, monocytes, polymorphonuclear cells, eosinophils and basophils in peripheral blood expressing the 180-220 kD M. W. T200 family surface antigen. CD45 is also present on thymus, spleen, tonsil and pro...
Clonality	Monoclonal
Concentration	See vial for concentration

Clone Designation	[BHPT-1]
Isotype	IgG1
UniProt	P08575
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	PBMC: Add 10 µl of MAB/10 6 PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2 to 8C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. WHOLE BLOOD: Add 10 µl of MAB/100 µl of whole blood. Mix gently and incubate for 15 minutes at room temperature (20C). 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. 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+: As above, however use only 5 µl per test rather than 10 µl. Excites at 488nm and emits at 670nm. Store protected from light.