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Product Datasheet

Mouse anti Human CD34, conjugated with FITC, IgG1, Clone: [CS37], Monoclonal NMB-0342

Article Name	Mouse anti Human CD34, conjugated with FITC, IgG1, Clone: [CS37], Monoclonal
Biozol Catalog Number	NMB-0342
Supplier Catalog Number	0342
Alternative Catalog Number	NMB-0342
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Immunogen	CD34=Derived from the hybridization of mouse Sp2/O-Ag14 cells with spleen cells of BALB/c mice immunized with human cell line KG-1a
Conjugation	FITC
Product Description	Human Progenitor Cell Antigen (MW 115 K daltons) is found on normal peripheral blood lymphocytes, monocytes, granulocytes and platelets. CD34 is present on 1% or less of cells in normal human bone marrow. Human Progenitor Cell Antigen reacts with 30-...
Clonality	Monoclonal
Concentration	Titered for flow cytometry

Clone Designation	[CS37]
Isotype	IgG1
UniProt	P28906
Buffer	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
Purity	Protein A/G Chromatography
Form	FITC
Formula	Provided as solution in phosphate buffered saline with 0.08% sodium azide and 0.2% carrier protein
Application Notes	PBMC: Add 10 µl of MAB/10⁶ PBMC in 100 µl PBS. Mix gently and incubate for 15 minutes at 2 to 8 C. 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.