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Product Datasheet

Mouse anti Myeloperoxidase-C2 (MPO-C2), conjugated to FITC, IgG1, Clone: [8E6], Monoclonal
NMB-GM-4192

Article Name	Mouse anti Myeloperoxidase-C2 (MPO-C2), conjugated to FITC, IgG1, Clone: [8E6], Monoclonal
Biozol Catalog Number	NMB-GM-4192
Supplier Catalog Number	GM-4192
Alternative Catalog Number	NMB-GM-4192
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Conjugation	FITC
Product Description	Myeloperoxidase (MPO) is a glycoprotein present in the azurophil (primary) granules of myeloid cells, which appears in the myeloblast stage of myeloid cell differentiation. MPO is he most common functional protein of myeloid cells and is involved in ...
Clonality	Monoclonal
Clone Designation	[8E6]
Isotype	IgG1
UniProt	P05164

Buffer	2 ml of FITC-conjugated anti Myeloperoxidase-C2 (clone 8E6) in PBS pH 7.2, 1% BSA, and 0.05% NaN3, approximately 100 tests.
Purity	Purified by Chromatography
Form	FITC
Formula	PBS pH 7.2, 1% BSA, 0.05% NaN3
Application Notes	Permeabilization and Staining Procedure - In combination with our Permeabilization Kit FIX&PERM (Cat. No. GAS-002) intracellular MPO can be easily stained in cell suspensions. - For each sample to be analyzed add 50 µl of whole blood, bone marrow or mononuclear cell suspension in a 5 ml tube - Add 100 µl of Reagent A (Fixation Medium, stored and used at room temperature) - Incubate for 15 minutes at room temperature - Add 5 ml phosphate buffered saline and centrifuge cells for 5 minutes at 300 g - Remove supernatant and add to cell pellet 100 µl Reagent B (Permeabilization Medium) and 20 µl of the MPO-C2 monoclonal antibody conjugate - Vortex at low speed for 1-2 seconds - Incubate for 15 minutes at room temperature - Wash cells with phosphate buffered saline as described above - Remove supernatant and resuspend cells in sheath fluid for immediate analysis or resuspend cells in 0.5 ml 1.0 % formaldehyde and store them at 2-8C in the dark. Analyze fixed cells within 24 hours.