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## Product Datasheet

### **COMBI IC Reagent: Mouse anti Myeloperoxidase-C2 (FITC) and Mouse anti CD22 (PE), IgG1, Clone: [8E6 and RFB4], FITC/PE, Monoclonal NMB-GIC-214**

Article Name	COMBI IC Reagent: Mouse anti Myeloperoxidase-C2 (FITC) and Mouse anti CD22 (PE), IgG1, Clone: [8E6 and RFB4], FITC/PE, Monoclonal
Biozol Catalog Number	NMB-GIC-214
Supplier Catalog Number	GIC-214
Alternative Catalog Number	NMB-GIC-214
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Conjugation	FITC/PE
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 the most common functional protein of myeloid cells and is involved in ...
Clonality	Monoclonal
Clone Designation	[8E6 and RFB4]
Isotype	IgG1

Buffer	1ml of FITC-conjugated anti Myeloperoxidase-C2 (clone 8E6) and PE-conjugated anti CD22 (cloneRFB4) in PBS pH 7.2, 1% BSA, and 0.05% NaN3, approximately 50 tests.
Form	FITC and PE
Formula	PBS pH 7.2, 1 mg/ml BSA, 0.1% NaN3
Application Notes	<p>Permeabilization and Staining Procedure - In combination with our Permeabilization Kit FIX&amp;PERM? (Cat. No. GAS-002) intracellular MPO-C2 and CD22 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 5ml tube - Add 100 µl of Reagent A (Fixation Medium, stored and used at room temperature) - Incubate for 15 minutes at room temperature - Add 5ml 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/CD22 COMBI-IC 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.</p>