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Product Datasheet

Mouse anti CD68 (Macrosialin), conjugated to FITC, IgG1, Clone: [Ki-M7], Monoclonal NMB-GM-4152

Article Name	Mouse anti CD68 (Macrosialin), conjugated to FITC, IgG1, Clone: [Ki-M7], Monoclonal
Biozol Catalog Number	NMB-GM-4152
Supplier Catalog Number	GM-4152
Alternative Catalog Number	NMB-GM-4152
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Conjugation	FITC
Product Description	CD68 (macrosialin) is a type-one membrane protein with significant sequence homology to a family of lysosomal-associated glycoproteins (lamp). CD68 molecules are predominantly located intracellularly in cytoplasmic granules but can also be detected ...
Clonality	Monoclonal
Clone Designation	[Ki-M7]
Isotype	IgG1
UniProt	P34810

Buffer	Purified by Chromatography, Storage buffer: PBS pH 7.2, 1% BSA, 0.05% NaN ₃
Purity	Purified by Chromatography
Form	FITC
Formula	PBS pH 7.2, 1% BSA, 0.05% NaN ₃
Application Notes	Permeabilization and Staining Procedure - In combination with our Permeabilization Kit FIX&PERM[®] (Cat. No. GAS-002) intracellular CD68 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 5 ml phosphate buffered saline and centrifuge cells for 5 minutes at 300 g - Remove supernatant and add to cell pellet 100µl Reagent B (Permeabilization Medium) and 20 µl of the CD68 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