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Product Datasheet

Mouse anti Lysozyme, IgG1, Clone: [LZ-2], Monoclonal NMB-GM-4131

Article Name	Mouse anti Lysozyme, IgG1, Clone: [LZ-2], Monoclonal
Biozol Catalog Number	NMB-GM-4131
Supplier Catalog Number	GM-4131
Alternative Catalog Number	NMB-GM-4131
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Product Description	Lysozyme (LZ) is a cationic antimicrobial peptide of 14 kDa. Lysozyme is stored in primary but predominantly in specific (secondary) granules of neutrophils. It cleaves peptidoglycan constituents of the bacterial cell wall and can bind LPS. The epito...
Clonality	Monoclonal
Clone Designation	[LZ-2]
Isotype	IgG1
UniProt	P61626
Buffer	Purified by Chromatography, Storage buffer: PBS pH 7.2, 1% BSA, 0.05% NaN3
Purity	Purified by Chromatography

Formula	PBS pH 7.2, 1% BSA, 0.05% NaN ₃
Application Notes	<p>GM-4131 can be applied in immunohistochemistry on frozen and paraffin embedded tissues. For flow cytometric applications the following protocol is advised. Permeabilization and Staining Procedure - In combination with our Permeabilization Kit FIX&PERM (Cat. No. GAS-002) intracellular Lysozyme 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 LZ-2 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>