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## Product Datasheet

### Mouse anti Lysozyme, conjugated to FITC, IgG1, Clone: [LZ-2], Monoclonal NMB-GM-4132

Article Name	Mouse anti Lysozyme, conjugated to FITC, IgG1, Clone: [LZ-2], Monoclonal
Biozol Catalog Number	NMB-GM-4132
Supplier Catalog Number	GM-4132
Alternative Catalog Number	NMB-GM-4132
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	FC
Species Reactivity	Human
Conjugation	FITC
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 epitope...
Clonality	Monoclonal
Clone Designation	[LZ-2]
Isotype	IgG1
UniProt	<a href="#">P61626</a>

Buffer	2 ml of FITC-conjugated anti Lysozyme (clone LZ-2) in PBS pH 7.2, 1% BSA, and 0.05% NaN <sub>3</sub> , approximately 100 tests.
Purity	Purified by Chromatography
Form	FITC
Formula	PBS pH 7.2, 1% BSA, 0.05% NaN <sub>3</sub>
Application Notes	<p>Permeabilization and Staining Procedure - In combination with our Permeabilization Kit FIX&amp;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>