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## Product Datasheet

### IgG1 Negative Control, Clone: [VI-AP], Mouse, Monoclonal NMB-GM-4991

Artikelname	IgG1 Negative Control, Clone: [VI-AP], Mouse, Monoclonal
Artikelnummer	NMB-GM-4991
Hersteller Artikelnummer	GM-4991
Alternativnummer	NMB-GM-4991
Hersteller	NordicMubio
Wirt	Mouse
Kategorie	Antikörper
Applikation	FC, IF
Produktbeschreibung	This ready to use Negative Control reagent contains purified non-conjugated mouse immunoglobulin molecules of IgG1 isotype, which have been selected on the basis of their binding characteristics: no specific binding to human cell surface or intracell...
Klonalität	Monoclonal
Klon-Bezeichnung	[VI-AP]
Isotyp	IgG1
Puffer	1 ml of non-conjugated VI-AP in PBS pH 7.2, 1% BSA, and 0.05% NaN3, approximately 100 tests.

Anwendungsbeschreibung

Indirect Immunofluorescence (Staining Procedure) Nordic-MUBio antibodies are designed for use with either whole blood or isolated mononuclear cell (MNC) preparations. Proposed staining procedure for whole blood in short: - For each sample add 50 µl of EDTA anti-coagulated blood to a 3-5 ml tube - Add 20 µl of the appropriate Nordic-MUBio monoclonal antibody - Incubate the tube for 15 minutes at 4C or at room temperature in the dark - Add 20 µl of the appropriate conjugated and diluted secondary antibody - Incubate the tube for 15 minutes at 4C or at room temperature in the dark - Add 100 µl NM-LYSE (Cat.No. GAS-003) to each tube and incubate for 10 minutes at room temperature - Add 3-4 ml of distilled water and vortex, incubate for 5-10 minutes at room temperature - Centrifuge tube for 5 minutes at 300 g - Aspirate supernatant and resuspend pellet in 0.3 ml of sheath fluid - Analyze immediately or store samples at 2-8 C in the dark and analyze within 24 hours. For "No-Wash protocol please refer to [www.nordicmubio.com](http://www.nordicmubio.com) Proposed staining procedure for MNC in short: - Carefully add 20 µl antibody conjugate and 50-100 µl MNC to the bottom of a tube - Vortex at low speed for 1-2 seconds - Incubate for 15-30 minutes at 2-8C or at room temperature - Centrifuge tubes for 5 minutes at 300 g - Remove supernatant, resuspend cells in 2-5 ml of phosphate buffered saline (PBS) and centrifuge cells again for 5 minutes at 300 g - Add 20 µl of the appropriate conjugated and diluted secondary antibody - Incubate the tube for 15 minutes at 4C or at room temperature in the dark - Remove supernatant and resuspend cells in sheath fluid for immediate analysis or resuspend cells in 0.5 ml 1 % formaldehyde and store them at 2-8C in the dark. Analyze fixed cells within 24 hours