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Product Datasheet

COMBI IC Reagent: Mouse anti CD45 (FITC) and Mouse anti CD14 (PE), Clone: [VIT200 and MEM18], FITC/PE, Monoclonal NMB-GCT-201

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|--------------------------|---|
| Artikelname | COMBI IC Reagent: Mouse anti CD45 (FITC) and Mouse anti CD14 (PE), Clone: [VIT200 and MEM18], FITC/PE, Monoclonal |
| Artikelnummer | NMB-GCT-201 |
| Hersteller Artikelnummer | GCT-201 |
| Alternativnummer | NMB-GCT-201 |
| Hersteller | NordicMubio |
| Wirt | Mouse |
| Kategorie | Antikörper |
| Applikation | FC, IF |
| Spezies Reaktivität | Human |
| Konjugation | FITC/PE |
| Produktbeschreibung | The CD45 molecule is typically expressed at high levels on all hematopoietic cells. CD45 is a major component of the glycocalix of these cells and can be expressed in different isoforms. Antibody VIT200 recognizes a pan CD45 epitope, which is express... |
| Klonalität | Monoclonal |
| Klon-Bezeichnung | [VIT200 and MEM18] |
| Isotyp | IgG2a, IgG1 |
| Puffer | PBS pH 7.2, 1% BSA, 0.05% NaN3 |

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|------------------------|---|
| Formulierung | FITC and PE |
| Formel | PBS pH 7.2, 1% BSA, 0.05% NaN3 |
| Anwendungsbeschreibung | <p>Staining Procedure Direct Immunofluorescence (Staining Procedure)</p> <p>Nordic-MUBio fluorochrome labeled 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 conjugate - 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 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 - 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</p> |