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## Product Datasheet

### Mouse anti Myeloperoxidase-C2 (MPO-C2), conjugated to FITC, IgG1, Clone: [8E6], Monoclonal NMB-GM-4192

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Mouse anti Myeloperoxidase-C2 (MPO-C2), conjugated to FITC, IgG1, Clone: [8E6], Monoclonal                                                                                                                                                                     |
| Artikelnummer            | NMB-GM-4192                                                                                                                                                                                                                                                    |
| Hersteller Artikelnummer | GM-4192                                                                                                                                                                                                                                                        |
| Alternativnummer         | NMB-GM-4192                                                                                                                                                                                                                                                    |
| Hersteller               | NordicMubio                                                                                                                                                                                                                                                    |
| Wirt                     | Mouse                                                                                                                                                                                                                                                          |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                     |
| Applikation              | FC                                                                                                                                                                                                                                                             |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                          |
| Konjugation              | FITC                                                                                                                                                                                                                                                           |
| Produktbeschreibung      | Myeloperoxidase (MPO) is a glycoprotein present in the azurophil (primary) granules of myeloid cells, which appears in the myeloblast stage of myeloid cell differentiation. MPO is the most common functional protein of myeloid cells and is involved in ... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                     |
| Klon-Bezeichnung         | [8E6]                                                                                                                                                                                                                                                          |
| Isotyp                   | IgG1                                                                                                                                                                                                                                                           |
| UniProt                  | <a href="#">P05164</a>                                                                                                                                                                                                                                         |

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Puffer                 | 2 ml of FITC-conjugated anti Myeloperoxidase-C2 (clone 8E6) in PBS pH 7.2, 1% BSA, and 0.05% NaN <sub>3</sub> , approximately 100 tests.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reinheit               | Purified by Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formulierung           | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formel                 | PBS pH 7.2, 1% BSA, 0.05% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Anwendungsbeschreibung | <p>Permeabilization and Staining Procedure - In combination with our Permeabilization Kit FIX&amp;PERM (Cat. No. GAS-002) intracellular MPO 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 5 ml 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 100 µl Reagent B (Permeabilization Medium) and 20 µl of the MPO-C2 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> |