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## Product Datasheet

### **Mouse anti Human Cytochrome P450 3A7, IgG1, Clone: [F19 P2 H2], Unconjugated, Monoclonal NMB-X2048M**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Mouse anti Human Cytochrome P450 3A7, IgG1, Clone: [F19 P2 H2], Unconjugated, Monoclonal                                                                                                                                                                      |
| Artikelnummer            | NMB-X2048M                                                                                                                                                                                                                                                    |
| Hersteller Artikelnummer | X2048M                                                                                                                                                                                                                                                        |
| Alternativnummer         | NMB-X2048M                                                                                                                                                                                                                                                    |
| Hersteller               | NordicMubio                                                                                                                                                                                                                                                   |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | ELISA, IHC, WB                                                                                                                                                                                                                                                |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with a synthetic peptide derived from the C-terminus of the human CYP3A7 protein and mouse myeloma Ag8563 cells.                                                                   |
| Konjugation              | Unconjugated                                                                                                                                                                                                                                                  |
| Produktbeschreibung      | CYP3A genes encode monooxygenases, enzymes which catalyze drug metabolism and the synthesis of cholesterol, steroids and other lipids. CYP3A (cytochrome P450, family 3, subfamily A), the most abundant P450 enzyme in human liver, is responsible for th... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | See vial for concentration                                                                                                                                                                                                                                    |

|                        |                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Klon-Bezeichnung       | [F19 P2 H2]                                                                                                                                                                                                                                                                                                                              |
| Isotyp                 | IgG1                                                                                                                                                                                                                                                                                                                                     |
| UniProt                | <a href="#">Q9H241</a>                                                                                                                                                                                                                                                                                                                   |
| Puffer                 | Provided as solution in phosphate buffered saline with 0.08% sodium azide                                                                                                                                                                                                                                                                |
| Reinheit               | Protein A/G Chromatography                                                                                                                                                                                                                                                                                                               |
| Formulierung           | Unconjugated                                                                                                                                                                                                                                                                                                                             |
| Formel                 | Provided as solution in phosphate buffered saline with 0.08% sodium azide                                                                                                                                                                                                                                                                |
| Anwendungsbeschreibung | Antibody can be used for Western blotting (1-2 µg/ml) and immunohistochemistry on formalin-fixed, paraffin-embedded tissue sections (1-5 µg/ml). When used in conjunction with CYP3A5 (Cat. No. X2047M), can differentiate between the CYP3A family members, 3A5 and 3A7. Optimal concentration should be evaluated by serial dilutions. |