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## Product Datasheet

### **Mouse anti Human Cytochrome P450 2A6, IgG1, Clone: [F16 P2 D8], Unconjugated, Monoclonal NMB-X2045M**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mouse anti Human Cytochrome P450 2A6, IgG1, Clone: [F16 P2 D8],<br>Unconjugated, Monoclonal                                                                                                                                                                   |
| Biozol Catalog Number      | NMB-X2045M                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | X2045M                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | NMB-X2045M                                                                                                                                                                                                                                                    |
| Manufacturer               | NordicMubio                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, IHC, WB                                                                                                                                                                                                                                                |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Conjugation                | Unconjugated                                                                                                                                                                                                                                                  |
| Product Description        | The cytochrome P450 proteins (CYPs) are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. P450 enzymes are classified into subfamilies based on their sequence similarities... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | See vial for concentration                                                                                                                                                                                                                                    |
| Clone Designation          | [F16 P2 D8]                                                                                                                                                                                                                                                   |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P05177</a>                                                                                                                                                                                                                                   |
| Buffer            | Provided as solution in phosphate buffered saline with 0.08% sodium azide                                                                                                                                                                                |
| Source            | Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with Synthetic peptide conjugated to ovalbumin derived from the C-terminus of CYP2A6 and mouse myeloma Ag8563 cells. Antigen identical in CYP2A6, 2A7 and 2A13.               |
| Purity            | Protein A/G Chromatography                                                                                                                                                                                                                               |
| Form              | Unconjugated                                                                                                                                                                                                                                             |
| Application Notes | Antibody can be used for Western blotting (1-2 µg/ml), immunofluorescence and immunohistochemistry (formalin-fixed, paraffin-embedded tissues). ELISA titer to be determined by end-user. Optimal concentration should be evaluated by serial dilutions. |