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## Product Datasheet

### Mouse anti Human p53 (a.a. 16-25), IgG1, Clone: [X77], Unconjugated, Monoclonal NMB-X1157M

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mouse anti Human p53 (a.a. 16-25), IgG1, Clone: [X77], Unconjugated, Monoclonal                                                                                                                                                                               |
| Biozol Catalog Number      | NMB-X1157M                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | X1157M                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | NMB-X1157M                                                                                                                                                                                                                                                    |
| Manufacturer               | NordicMubio                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, IP, WB                                                                                                                                                                                                                                                 |
| Species Reactivity         | Human, Mouse, Xenopus                                                                                                                                                                                                                                         |
| Conjugation                | Unconjugated                                                                                                                                                                                                                                                  |
| Product Description        | p53 is a 53 kDa transcription factor that can inhibit cell cycle progression or induce apoptosis in response to stress or DNA damage. Disruption of the p53 signalling pathway through various mechanisms is the most common alteration in human cancer oc... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | See vial for concentration                                                                                                                                                                                                                                    |
| Clone Designation          | [X77]                                                                                                                                                                                                                                                         |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P04637</a>                                                                                                                                                            |
| Buffer            | Provided as solution in phosphate buffered saline with 0.08% sodium azide                                                                                                         |
| Source            | Hybridoma produced by the fusion of splenocytes from mice immunized with full length Xenopus p53 protein and mouse myeloma cells.                                                 |
| Purity            | Protein A/G Chromatography                                                                                                                                                        |
| Form              | Unconjugated                                                                                                                                                                      |
| Formula           | Provided as solution in phosphate buffered saline with 0.08% sodium azide                                                                                                         |
| Application Notes | Detects p53 protein by Western blot at 1 to 10 µg/ml. Detects a band a approximately 53 kDa in HCT116 cell lysate. Optimal concentration should be evaluated by serial dilutions. |