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## Product Datasheet

### **Mouse anti Phosphotyrosine, conjugated with biotin, IgG2b, Clone: [PY20], Biotin, Monoclonal NMB-X1016**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Mouse anti Phosphotyrosine, conjugated with biotin, IgG2b, Clone: [PY20], Biotin, Monoclonal                                                                                                                                                                  |
| Biozol Catalog Number      | NMB-X1016                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | X1016                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | NMB-X1016                                                                                                                                                                                                                                                     |
| Manufacturer               | NordicMubio                                                                                                                                                                                                                                                   |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | EIA, IHC, IP, WB                                                                                                                                                                                                                                              |
| Species Reactivity         | All                                                                                                                                                                                                                                                           |
| Conjugation                | Biotin                                                                                                                                                                                                                                                        |
| Product Description        | The role of tyrosine phosphorylation in transduction of the mitogenic signal from transmembrane receptors and in transformation by oncogene tyrosine kinases has been the subject of intense investigation for several years. While the phosphorylation of... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | See vial for concentration                                                                                                                                                                                                                                    |
| Clone Designation          | [PY20]                                                                                                                                                                                                                                                        |
| Isotype                    | IgG2b                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer            | Provided as a solution containing PBS, 65% glycerol and 0.08% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source            | Hybridoma produced from Balb/C mice immunized with phosphotyrosine coupled to carrier protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity            | Prot A/G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form              | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formula           | Provided as a solution containing PBS, 65% glycerol and 0.08% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes | <p>The biotin conjugate of clone PY20 anti-phosphotyrosine is especially useful for the detection of phosphotyrosyl proteins in western blotting, immunohistochemical and immunocytochemical protocols in situations wherein the use of a secondary antibody would produce unacceptable background signals. In addition, the strength of the biotin-streptavidin interaction and the immense variety of streptavidin-coupled probes available make PY20-biotin a very versatile reagent. A dilution of 1:5,000 is suggested for western blot or ELISA, 1:500 for immunohistochemistry or immunocytochemistry.</p> |