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## Product Datasheet

### **Myelin Basic Protein Antibody, IgG2a, Clone: [MBP/4271], Mouse, Monoclonal NBT-4155-MSM1-P1ABX**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Myelin Basic Protein Antibody, IgG2a, Clone: [MBP/4271], Mouse, Monoclonal                                                                                                                                                                                    |
| Biozol Catalog Number      | NBT-4155-MSM1-P1ABX                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 4155-MSM1-P1ABX                                                                                                                                                                                                                                               |
| Alternative Catalog Number | NBT-4155-MSM1-P1ABX-100                                                                                                                                                                                                                                       |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, IHC, WB                                                                                                                                                                                                                                                |
| Species Reactivity         | Bovine, Hamster, Human, Mouse, Rat                                                                                                                                                                                                                            |
| Immunogen                  | Reacts with MBP from human, bovine and rat, recognizing epitope 129-138                                                                                                                                                                                       |
| Product Description        | Myelin basic protein (MBP) is the second most abundant protein in central nervous system (CNS) myelin: it comprises 30% of the total protein and about 10% of the dry weight of myelin. It is the only structural protein found so far to be essential for... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [MBP/4271]                                                                                                                                                                                                                                                    |
| Molecular Weight           | 14-22kDa                                                                                                                                                                                                                                                      |
| Isotype                    | IgG2a                                                                                                                                                                                                                                                         |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">4155</a>                                                                                                                                                                                                                                          |
| UniProt           | <a href="#">P02686</a>                                                                                                                                                                                                                                        |
| Form              | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                        |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Application Notes | ELISA (For coating, order antibody without BSA), Immunocytochemistry (0.5-1ug/ml), Western Blot (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10m |