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## Product Datasheet

### **Aquaporin 4 (AQP4) Antibody, IgG1, Clone: [AQP4/3324], Mouse, Monoclonal NBT-361-MSM4-P1ABX**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Aquaporin 4 (AQP4) Antibody, IgG1, Clone: [AQP4/3324], Mouse, Monoclonal                                                                                                                                                                                      |
| Artikelnummer            | NBT-361-MSM4-P1ABX                                                                                                                                                                                                                                            |
| Hersteller Artikelnummer | 361-MSM4-P1ABX                                                                                                                                                                                                                                                |
| Alternativnummer         | NBT-361-MSM4-P1ABX-100                                                                                                                                                                                                                                        |
| Hersteller               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IHC                                                                                                                                                                                                                                                           |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Human recombinant AQP4 protein fragment (around aa200-323) (exact sequence is proprietary)                                                                                                                                                                    |
| Produktbeschreibung      | In skeletal muscle, AQP4 (aquaporin 4 also known as mercurial insensitive water channel), localizes to the sarcolemma of fast-twitch muscle fibers. Aquaporins (AQPs) are a large family of integral membrane water transport channel proteins that facili... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [AQP4/3324]                                                                                                                                                                                                                                                   |
| Molekulargewicht         | 34kDa                                                                                                                                                                                                                                                         |

|                        |                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotyp                 | IgG1                                                                                                                                                                                                                                                        |
| NCBI                   | <a href="#">361</a>                                                                                                                                                                                                                                         |
| UniProt                | <a href="#">P55087</a>                                                                                                                                                                                                                                      |
| Formulierung           | 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                                                                                                                                                                                                                                         |
| Anwendungsbeschreibung | Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal diluti |