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## Product Datasheet

### **ACTH (Adrenocorticotrophic Hormone) (C-Terminal) (Pituitary Marker) Antibody, IgG1, Clone: [SPM501], Mouse, Monoclonal NBT-5443-MSM7X-P0**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | ACTH (Adrenocorticotrophic Hormone) (C-Terminal) (Pituitary Marker) Antibody, IgG1, Clone: [SPM501], Mouse, Monoclonal                                                                                                                                        |
| Artikelnummer            | NBT-5443-MSM7X-P0                                                                                                                                                                                                                                             |
| Hersteller Artikelnummer | 5443-MSM7X-P0                                                                                                                                                                                                                                                 |
| Alternativnummer         | NBT-5443-MSM7X-P0-20,NBT-5443-MSM7X-P0-100                                                                                                                                                                                                                    |
| Hersteller               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | ELISA, FC, IF, IHC                                                                                                                                                                                                                                            |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                         |
| Immunogen                | Synthetic peptide corresponding to aa25-39 of human ACTH (NGAEDESAEAFPLEF)                                                                                                                                                                                    |
| Produktbeschreibung      | ACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pituitary. This MAb is specific to CLIP (aa25-39 of ACTH), does not react with Synacthen (aa1-24 of ACTH). POMC (pro-opiomelanocortin or corticotropin-lipotropin)... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Klon-Bezeichnung         | [SPM501]                                                                                                                                                                                                                                                      |

|                        |                                                                                                                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molekulargewicht       | ACTH is ~5kDa and the POMC precursor is ~30kDa. The molecular weight of POMC depends upon isoform variation and post-translational modifications.                                                                                                             |
| Isotyp                 | IgG1                                                                                                                                                                                                                                                          |
| NCBI                   | <a href="#">5443</a>                                                                                                                                                                                                                                          |
| UniProt                | <a href="#">P01189</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 | ELISA (For coating, order Ab without BSA), Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in |