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## Product Datasheet

### **ACTH (Adrenocorticotrophic Hormone) (N-Terminal) (Pituitary Marker) Antibody, IgG1, Clone: [rCLIP/3814], Mouse, Monoclonal NBT-5443-MSM14-P0**

|                            |   |
|----------------------------|---|
| Article Name               | ACTH (Adrenocorticotrophic Hormone) (N-Terminal) (Pituitary Marker) Antibody, IgG1, Clone: [rCLIP/3814], Mouse, Monoclonal  |
| Biozol Catalog Number      | NBT-5443-MSM14-P0   |
| Supplier Catalog Number    | 5443-MSM14-P0   |
| Alternative Catalog Number | NBT-5443-MSM14-P0-20,NBT-5443-MSM14-P0-100  |
| Manufacturer               | NeoBiotechnologies  |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | ELISA, IHC  |
| Species Reactivity         | Human, Mouse, Rat   |
| Immunogen                  | Recombinant fragment corresponding to N-terminal of human ACTH (exact sequence is proprietary)  |
| Product Description        | ACTH (same as Corticotropin) is a 39 amino acid active peptide produced by the anterior pituitary. This MAb is specific to Synacthen (aa1-24 of ACTH), does not react with CLIP (aa17-39 of ACTH). POMC (pro-opiomelanocortin or corticotropin-lipotropin)... |
| Clonality                  | Monoclonal  |
| Clone Designation          | [rCLIP/3814]  |
| Molecular Weight           | ACTH is ~5kDa and the POMC precursor is ~30kDa. The molecular weight of POMC depends upon isoform variation and post-translational modifications.   |

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|-------------------|---|
| Isotype           | IgG1  |
| NCBI              | <a href="#">5443</a>  |
| UniProt           | <a href="#">P01189</a>  |
| Form              | 200ug/ml of recombinant MAb purified 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     | Recombinant Monoclonal Antibody   |
| Application Notes | ELISA (For coating, order Ab without BSA), ,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 &degC followed by |