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## Product Datasheet

### **ACTH (Adrenocorticotrophic Hormone) (C-Terminus) (CLIP/1449), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [CLIP/1449], Mouse, Monoclonal BOT-BNC041449-500**

|                            |   |
|----------------------------|---|
| Article Name               | ACTH (Adrenocorticotrophic Hormone) (C-Terminus) (CLIP/1449), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [CLIP/1449], Mouse, Monoclonal   |
| Biozol Catalog Number      | BOT-BNC041449-500   |
| Supplier Catalog Number    | BNC041449-500   |
| Alternative Catalog Number | BOT-BNC041449-500-500UL   |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | IHC   |
| Species Reactivity         | Human   |
| Immunogen                  | Synthetic peptide corresponding to aa25-39 of human ACTH (NGAEDESAEAFPLEF)  |
| Conjugation                | CF405S  |
| Product Description        | 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)... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.1 mg/mL   |

|                   |   |
|-------------------|---|
| Clone Designation | [CLIP/1449]   |
| Molecular Weight  | ACTH is ~5 kDa  |
| Isotype           | IgG1  |
| UniProt           | <a href="#">P01189</a>  |
| Buffer            | PBS, 0.1% BSA, 0.05% azide  |
| Source            | Animal  |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology (formalin): 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL ELISA For coating, order Ab without BSA Optimal dilution for a specific application should be determined by user |