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Product Datasheet

ACTH (Adrenocorticotrophic Hormone)(AH26 + 57), CF405S conjugate, 0.1mg/mL, Clone: [AH26 57], Mouse, Monoclonal BOT-BNC041025-500

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|----------------------------|---|
| Article Name | ACTH (Adrenocorticotrophic Hormone)(AH26 + 57), CF405S conjugate, 0.1mg/mL, Clone: [AH26 57], Mouse, Monoclonal |
| Biozol Catalog Number | BOT-BNC041025-500 |
| Supplier Catalog Number | BNC041025-500 |
| Alternative Catalog Number | BOT-BNC041025-500-500UL |
| Manufacturer | Biotium |
| Host | Mouse |
| Category | Antikörper |
| Application | IHC |
| Species Reactivity | Human, Mouse, Rat |
| Immunogen | Synthetic peptide corresponding to aa1-24 of human ACTH (AH26), N-terminal fragment of human ACTH conjugated to KLH (57) |
| 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 Synacthen (aa1-24 of ACTH), does not react with CLIP (aa17-39 of ACTH). POMC (pro-opiomelanocortin or corticotropin-lipotropin)... |
| Clonality | Monoclonal |
| Concentration | 0.1 mg/mL |
| Clone Designation | [AH26 57] |

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| Molecular Weight | ACTH is ~5 kDa, and the POMC precursor is ~30 kDa. The molecular weight of POMC depends upon isoform variation and post-translational modifications. |
| UniProt | P01189 |
| Buffer | PBS, 0.1% BSA, 0.05% azide |
| Source | Animal |
| Application Notes | Immunoprecipitation: 0.5-1 ug/500 ug protein lysate Immunofluorescence: 0.5-1 ug/mL Immunohistology (formalin) 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 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1.0 ug/mL Predicted to show broad species reactivity Optimal dilution for a specific application should be determined by user |