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Product Datasheet

ACTH (Adrenocorticotrophic Hormone) (Pituitary Marker) (rCLIP/1407), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [rCLIP/1407], Mouse, Monoclonal BOT-BNC042296-100

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| Article Name | ACTH (Adrenocorticotrophic Hormone) (Pituitary Marker) (rCLIP/1407), CF405S conjugate, 0.1mg/mL, IgG1, Clone: [rCLIP/1407], Mouse, Monoclonal |
| Biozol Catalog Number | BOT-BNC042296-100 |
| Supplier Catalog Number | BNC042296-100 |
| Alternative Catalog Number | BOT-BNC042296-100-100UL |
| Manufacturer | Biotium |
| Host | Mouse |
| Category | Antikörper |
| Application | IHC |
| Species Reactivity | Human, Mouse, Rat |
| Immunogen | Synthetic peptide corresponding to (aa 162-176) 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 |

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| Clone Designation | [rCLIP/1407] |
| 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. |
| Isotype | IgG1 |
| UniProt | P01189 |
| 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 Immunohistology (formalin): 0.5-1 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |