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Product Datasheet

ACTH (Adrenocorticotrophic Hormone)(57), 1mg/mL, Mouse BOT-BNUM0139-50

Article Name	ACTH (Adrenocorticotrophic Hormone)(57), 1mg/mL, Mouse
Biozol Catalog Number	BOT-BNUM0139-50
Supplier Catalog Number	BNUM0139-50
Alternative Catalog Number	BOT-BNUM0139-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	N-terminal fragment of human ACTH conjugated to KLH
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)...
Concentration	1 mg/mL
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, no BSA, no 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: 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 ELISA For coating, order Ab without BSA Predicted to show broad species reactivity Optimal dilution for a specific application should be determined by user