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Product Datasheet

ACTH (Adrenocorticotrophic Hormone)(2F6), 0.2mg/mL, Clone: [2F6], Mouse, Monoclonal
BOT-BNUB1014-100

Article Name	ACTH (Adrenocorticotrophic Hormone)(2F6), 0.2mg/mL, Clone: [2F6], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUB1014-100
Supplier Catalog Number	BNUB1014-100
Alternative Catalog Number	BOT-BNUB1014-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to aa1-24 of human ACTH
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	0.2 mg/mL
Clone Designation	[2F6]

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, 0.05% 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: 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|Predicted to show broad species reactivity|Optimal dilution for a specific application should be determined by user