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Product Datasheet

Recombinant ACTH (Adrenocorticotrophic Hormone) (N-Terminal) (Pituitary Marker) Antibody, IgG1, Clone: [rCLIP/3814], Mouse, Monoclonal NBT-5443-MSM14-P1ABX

Article Name	Recombinant ACTH (Adrenocorticotrophic Hormone) (N-Terminal) (Pituitary Marker) Antibody, IgG1, Clone: [rCLIP/3814], Mouse, Monoclonal
Biozol Catalog Number	NBT-5443-MSM14-P1ABX
Supplier Catalog Number	5443-MSM14-P1ABX
Alternative Catalog Number	NBT-5443-MSM14-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fragment corresponding to N-terminal of human ACTH (exact sequence is proprietary)
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
Clone Designation	[rCLIP/3814]

Molecular Weight	ACTH is ~5kDa and the POMC precursor is ~30kDa. The molecular weight of POMC depends upon isoform variation and post-translational modifications.
Isotype	IgG1
NCBI	5443
UniProt	P01189
Form	200ug/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Recombinant Monoclonal Antibody
Application Notes	ELISA (For coating, order Ab without BSA), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT), (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by