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## Product Datasheet

### **ACTH (Adrenocorticotrophic Hormone) (Pituitary Marker) Antibody, IgG2a, Clone: [rCLIP4278], Mouse, Monoclonal NBT-5443-MSM15-P1ABX**

Article Name	ACTH (Adrenocorticotrophic Hormone) (Pituitary Marker) Antibody, IgG2a, Clone: [rCLIP4278], Mouse, Monoclonal
Biozol Catalog Number	NBT-5443-MSM15-P1ABX
Supplier Catalog Number	5443-MSM15-P1ABX
Alternative Catalog Number	NBT-5443-MSM15-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
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 CLIP (aa25-39 of ACTH), does not react with Synacthen (aa1-24 of ACTH). POMC (pro-opiomelanocortin or corticotropin-lipotropin)...
Clonality	Monoclonal
Clone Designation	[rCLIP4278]
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	IgG2a
NCBI	<a href="#">5443</a>
UniProt	<a href="#">P01189</a>
Form	200ug/ml of Ab purified from Bioreactor Concentrate 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	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 cooling at RT for 20 minutes),Optimal diluti