Mouse ACTH Monoclonal Antibody | anti-ACTH antibody

ACTH antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74334	**Mouse**	**Human and Rat. Reactivity with other species has not been determined**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

ACTH; Monoclonal Antibody; ACTH antibody; Monoclonal ACTH; Anti-ACTH; ACTH N-term; Adrenocorticotropic Hormone; ACTH N-terminus; ACTH N Terminus; anti-ACTH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human and Rat. Reactivity with other species has not been determined
Clonality	Monoclonal
Isotype	IgG1
Clone Number	363121
Specificity	Human
Purity/Purification	ACTH antibody was purified by affinity chromatography.
Form/Format	Protein A purified supplied as a liquid in 20mM Phosphate buffer, pH 7.6 with 250mM NaCl and 0.1% Sodium Azide
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	41
Applicable Applications for anti-ACTH antibody	IHC (Immunohistochemistry), ELISA
Affinity Constant	>1.0 x 10^11L/M
Immunogen	ACTH(N-Terminal)
Biological Significance	ACTH (Adrenocorticotropic hormone) or corticotropin is a 39-amino acid peptide hormone (MW=4500) secreted by the pituitary to regulate the production of steroid hormones by the adrenal cortex. ACTH secretion from the anterior pituitary is controlled by both a classical negative feedback control mechanism and CNS-stress mediated control system.
Additional Remarks	Excellent for use as a solid phase in a sandwich assay and Immunohistochemistry application on formalin fixed, paraffin embedded tissue
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Biological Significance	ACTH (Adrenocorticotropic hormone) or corticotropin is a 39-amino acid peptide hormone (MW=4500) secreted by the pituitary to regulate the production of steroid hormones by the adrenal cortex. ACTH secretion from the anterior pituitary is controlled by both a classical negative feedback control mechanism and CNS-stress mediated control system.
Preparation and Storage	4 degree C shipping only. Upon receipt store in undiluted aliquots at -20 degree C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTH antibody	Mouse monoclonal ACTH antibody
Product Categories/Family for anti-ACTH antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	490074
NCBI Official Full Name	ACTH, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/acth-antibody-clone-363121-immunohistochemistry-elisa/74334