



# Mouse Anti-Human ACTH Monoclonal Antibody, clone IN999 (CABT-Z691M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Cross Reactivity: ACTH (1-39) 100%; ACTH (1-24) >80%; ACTH (17-39) <10%; $\alpha$ -MSH, CLIP, $\beta$ -LPH, $\beta$ -endorphin, Insulin < 0.02%
<b>Immunogen</b>	Human ACTH
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	IN999
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA (Cap), IHC, WB We recommend the following antibodies for ELISA (Capture - Detection): CABT-Z691M - CABT-Z690M
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	50 mM Sodium Phosphate Buffer with 0.9% NaCl, pH 7.2
<b>Preservative</b>	None

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<b>Storage</b>	Store at 2-8°C.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	Adrenocorticotrophic hormone (ACTH), also known as "corticotropin", "Adrenocorticotrophic hormone", is a polypeptide tropic hormone produced and secreted by the anterior pituitary gland. It is an important component of the hypothalamic-pituitary-adrenal axis and is often produced in response to biological stress (along with corticotropin-releasing hormone from the hypothalamus). Its principal effects are increased production and release of corticosteroids and, as its name suggests, cortisol from the adrenal cortex.
<b>Keywords</b>	POMC;propiomelanocortin;LPH;MSH;NPP;POC;ACTH;CLIP;pro- <i>opiomelanocortin</i> ;beta-LPH

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## GENE INFORMATION

<b>Gene Name</b>	POMC
<b>Entrez Gene ID</b>	<a href="#">5443</a>
<b>UniProt ID</b>	<a href="#">P01189</a>

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