



Mouse Anti-Human ACTH Monoclonal Antibody, clone IN990 (CABT-Z690M)

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

PRODUCT INFORMATION

Specificity	Cross Reactivity: ACTH (1-39) 100%; ACTH (1-24) >80%; ACTH (17-39) <10%; α -MSH, CLIP, β -LPH, β -endorphin, Insulin < 0.02%
Immunogen	Human ACTH
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	IN990
Purification	Purified
Conjugate	Unconjugated
Applications	ELISA (Det), IHC, WB We recommend the following antibodies for ELISA (Capture - Detection): CABT-Z691M - CABT-Z690M
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	50 mM Sodium Phosphate Buffer with 0.9% NaCl, pH 7.2
Preservative	None

Storage	Store at 2-8°C.
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Ship	Wet ice
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BACKGROUND

Introduction	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.
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Keywords	POMC;proopiomelanocortin;LPH;MSH;NPP;POC;ACTH;CLIP;pro-opiomelanocortin;beta-LPH
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GENE INFORMATION

Gene Name	POMC
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Entrez Gene ID	5443
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UniProt ID	P01189
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