



Mouse anti-ACTH(C-terminal) Monoclonal antibody, clone A57 (DMAB2916MH)

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

PRODUCT INFORMATION

Specificity	Reacts with human and rat C-terminal ACTH. Specific for CLIP (17-39 ACTH) and does not cross-react with Synacthen (1-24 ACTH).
Immunogen	ACTH-BSA Conjugate
Isotype	IgG1
Source/Host	Mouse
Clone	A57
Purification	Protein A chromatography
Conjugate	Unconjugated
Applications	Reacts with solid phase ACTH either captured as part of a sandwich or adsorbed as a solid phase antigen and as such is suitable for serum assay development. Also reactive on formalin-fixed paraffin wax embedded tissue and is therefore suitable for immunocytochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	10mM Sodium azide

Storage	Short-term (up to 1 month) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
Ship	Wet ice

GENE INFORMATION

Gene Name	POMC proopiomelanocortin [Homo sapiens]
Official Symbol	POMC
Synonyms	Adrenocorticotrophic hormone; alpha-MSH; alpha MSH; Beta-endorphin; beta-MSH; CLIP; Corticotropin; Corticotropin-like intermediary peptide; gamma-MSH; Lipotropin beta; Lipotropin gamma; Lipotropin, included; LPH; Melanocyte-stimulating hormone, included; Melanotropin alpha; Melanotropin beta; Melanotropin gamma; Melanotropin, included; Met-enkephalin; MSH; NPP; POC; POMC; Pomc-1; Pomc1; Pomc2; Pro-opiomelanocortin-alpha; Proopiomelanocortin; ACTH
Entrez Gene ID	5443
Chromosome Location	2p23.3
Pathway	Adipocytokine signaling pathway; Adipocytokine signaling pathway; Biosynthesis of amine and peptide hormones
Function	hormone activity; type 4 melanocortin receptor binding; G-protein-coupled receptor binding; type 3 melanocortin receptor binding;; type 1 melanocortin receptor binding;; type 2 melanocortin receptor binding;