

# ACTB Antibody

*Actin Beta, Mouse Anti Human*  
ABM0011

## Product Overview

Name ACTB Antibody

### Description

Actin Beta, Mouse Anti Human

### Synonyms

Corticotropin-lipotropin, Pro-opiomelanocortin, POMC, ACTH, LPH, MSH, NPP, POC, CLIP, Tetracosactide.

### Introduction

Adrenocorticotrophic hormone, as its name implies, stimulates the adrenal cortex. More specifically, it stimulates secretion of glucocorticoids such as cortisol, and has little control over secretion of aldosterone, the other major steroid hormone from the adrenal cortex. Stimulates secretion of adrenal corticosteroids and induces growth of adrenal cortex. ACTH also called Tetracosactide directly activates G-proteins. A stimulator of adenylate cyclase and cAMP formation.

### Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

### Formulation

The ACTH hormone was lyophilized with no additives.

### Stability

Lyophilized Adrenocorticotrophic Hormone although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution ACTH should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Purity

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

### Amino acid sequence

Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-OH.

### Solubility

It is recommended to reconstitute the lyophilized ACTH in sterile 18M<sup>2</sup>-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

### Precautions

ACTB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

