

## Product datasheet for **TA354437**

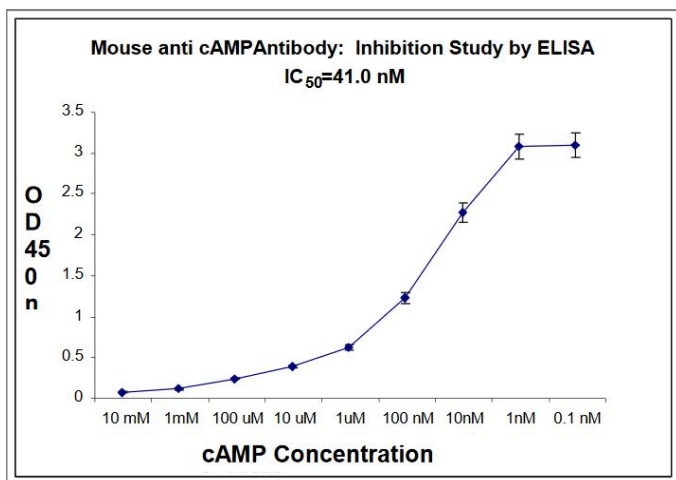
### Mouse Monoclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A chemically linked 3', 5'-Cyclic Adenosine Monophosphate (cAMP)
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	N/A
Background:	Cyclic adenosine monophosphate (cAMP) is an intracellular mediator that plays an important role in a variety of hormone signaling. It's been known as an universal cytoplasmic second messenger in drug discovery due to the involvement of G-Protein Coupled Receptors (GPCR) signaling events where the receptors are activated by different ligands, such as neurotransmitters, hormones, ions, small molecules, peptides, etc.



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**Product images:**

ELISA: Adenosine-3', 5'-cyclic AMP immobilized onto plates, followed by addition of stand cyclic AMP. The mouse anti-c-AMP antibody was added subsequently, and visualized by chromogenic substrate. Each sample was triplicate.  $IC_{50}$  was then calculated.