

Product datasheet for **TA160126**

cAMP/cyclic AMP Mouse Monoclonal Antibody

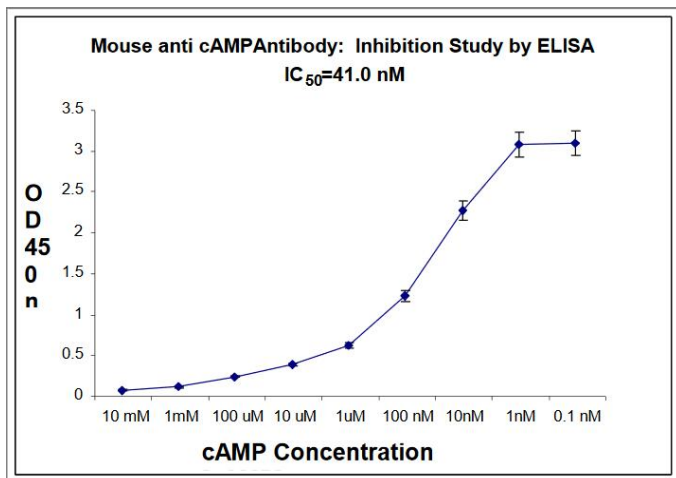
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	WB 0.1-1 µg/ml, ELISA 0.01-0.1 µg/ml
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:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
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 chromatogenic substrate. Each sample was triplicate. IC_{50} was then calculated.