

Mouse cyclic adenosine monophosphate (cAMP) Monoclonal Antibody | anti-cAMP antibody

Mouse anti cAMP Monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14070	Mouse	Human, Mouse, Rat	ELISA, Western Blot, Immunoprecipitation, Immunohistochemistry

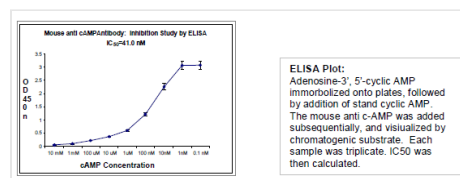
PRODUCT SYNONYMS

cyclic adenosine monophosphate (cAMP); Monoclonal Antibody; Mouse anti cAMP Monoclonal antibody; Mouse anti-cAMP; 3'; 5'-Cyclic Adenosine Monophosphate (c-AMP); anti-cAMP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	ABM486
Specificity	This antibody recognizes camp, not cross react with 5/- AMP, 5'-ADP, 5'-ATP or 3', 5'-cGMP.
Purity/Purification	Purified by Protein A-Affinity Chromatography according to isotyping
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-cAMP antibody	ELISA, WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry)
Application Notes	WB: 0.1-1 ug/ml EIA: 0.01-0.1 ug/ml IP: 2-5ug/mL IHC: 2-10ug/mL *Optimal dilutions should be determined by researchers for the specific applications.
Antigen Preparation	A chemically linked 3', 5'-Cyclic Adenosine Monophosphate (cAMP)
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

Immunohistochemistry: Human Lung carcinoma (FFPE) stained with Mouse anti-cAMP (Cat# AAA14070) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min



Related Product Information for anti-cAMP antibody	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.
References	Chika Funaki, et al, Role of cAMP inhibition of p44/p42 mitogen-activated protein kinase in potentiation of protein secretion in rat lacrimal gland. Am J Physiol Cell Physiol 293: C1551-C1560, 2007.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclic-adenosine-monophosphate-camp-antibody-clone-abm486-western-blot-immunoprecipitation-immunohistochemistry->

elisa/14070