

ARG45035 anti-cAMP antibody [RM466]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [RM466] recognizes cAMP.
Tested Reactivity	Other
Tested Application	ELISA
Specificity	This antibody reacts to cAMP (Cyclic Adenosine Monophosphate). No cross reactivity with other cyclic nucleotide or nucleoside phosphate.
Host	Rabbit
Clonality	Monoclonal
Clone	RM466
Isotype	IgG
Target Name	cAMP
Species	Others
Immunogen	KLH-conjugated cAMP
Conjugation	Un-conjugated
Alternate Names	Cyclic AMP; Cyclic Adenosine Monophosphate

Application Instructions

Application table	Application	Dilution
	ELISA	0.05 µg/mL - 0.5 µg/mL

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS with 50% Glycerol, 1% BSA and 0.09% sodium azide
Preservative	0.09% sodium azide
Stabilizer	50% Glycerol, 1% BSA and 0.09%
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Background

Cyclic adenosine monophosphate (cAMP, cyclic AMP, or 3',5'-cyclic adenosine monophosphate) is a second messenger, or cellular signal occurring within cells, that is important in many biological processes. cAMP is a derivative of adenosine triphosphate (ATP) and used for intracellular signal transduction in many different organisms, conveying the cAMP-dependent pathway.