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Product Description

Description	Anti-cAMP Mouse Monoclonal Antibody
Another Name	Anti-cAMP Mouse Monoclonal Antibody
Catalog Number	26002
Size:	100ug
Tested Applications:	ELISA , Competitive-ELISA ELISA: 1:128000-1:512000 Competitive-ELISA:1:1000 -1: 2000
Cited Applications:	ELISA , Competitive-ELISA WB IHC
Tested Reactivity:	Human , mouse Rat
Cited Reactivity:	Human , mouse Rat
Gene Symbol:	CAMP, CAP 18, CAP18, CRAMP, FALL 39, FALL39, hCAP 18, HSD26, LL37
Immunogen :	Small Molecule, cAMP conjugated to BSA.
Concentration:	1mg/ml
Host/Isotye:	mouse/IgG
Class:	monnoclonal
Type:	Antibody
Predicted mv:	170 aa, 19 kDa
Observed mv:	170 aa, 19 kDa
Uniprot:	P49913
Constituents:	PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 50% glycerol
Storage Conditions:	Store at -20°C for one year after shipment
Background:	Adenosine 3, 5-cyclic monophosphate (cyclic AMP; cAMP) is one of the most important intracellular secondary, messengers for transduction events. cAMP is also involved in regulating neuronal, glandular, cardiovascular, immune, and other functions and actions. A number of hormones, such as ACTH, TSH, FSH, and LH, are known to activate ,cAMP through the action of the enzyme adenylate cyclase, which converts ATP to cAMP. There remains considerable interest in the measurement of intracellular cAMP in tissues and cell cultures, and this may help to provide an understanding of the physiology and pathology of many disease states. Due to the involvement of cAMP in amplifying the response of ligand binding, the second messenger cAMP has been largely employed to monitor the activation of GPCR to facilitate therapeutic drug discovery.