

Datasheet for ABIN534263

anti-CAMP antibody[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µg
Target:	CAMP (cAMP)
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CAMP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Mouse monoclonal antibody raised against cAMP.
Immunogen:	A chemically linked 3', 5'-Cyclic Adenosine Monophosphate (cAMP).
Clone:	SPM486
Specificity:	This antibody recognizes cAMP, not cross react with 5'-AMP, 5'-ADP, 5'-ATP or 3', 5'-cGMP.

Target Details

Target:	CAMP (cAMP)
Alternative Name:	CAMP (Cyclic AMP) (cAMP Products)
Target Type:	Chemical
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Western Blot (0.1-1 µg/mL) ELISA (0.01-0.1 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

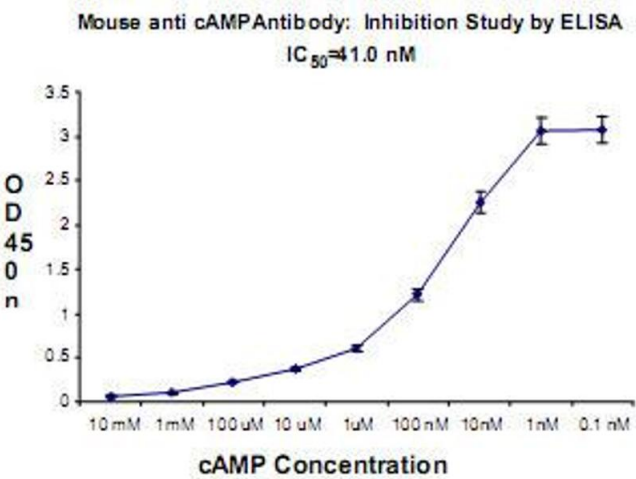
Handling

Buffer:	In TBS, pH 7.2 (BSA, 10 % Proclin300)
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Funaki, Hodges, Dartt: "Role of cAMP inhibition of p44/p42 mitogen-activated protein kinase in potentiation of protein secretion in rat lacrimal gland." in: American journal of physiology. Cell physiology , Vol. 293, Issue 5, pp. C1551-60, (2007) (PubMed).
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Images



ELISA

Image 1. ELISA Plot : cAMP immobilized onto plates, followed by addition of stand cAMP. The cAMP monoclonal antibody, clone SPM486 was added subsequently, and visualized by chromogenic substrate. Each samples were triplicated. IC50 was then calculated.