

CAMP MAB (NO ACETYLATION)

cAMP mAb (No Acetylation)

货号: 26002-2

规格: 30 μ L

描述: cAMP 小鼠单克隆抗体

背景: cAMP is a ubiquitous second messenger mediating cellular responses to various exogenous and endogenous signaling molecules. cAMP regulates physiological processes by activating protein kinases, gating specific ion channels, modulating cellular cyclic nucleotide concentrations through phosphodiesterases, and activating Epac (exchange protein directly activated by cAMP). The conversion of ATP to cAMP is catalyzed by adenylyl cyclases (ACs). The major family of ACs in mammals is the transmembrane ACs which have nine isoforms and could be activated by G protein Gs and/or Ca^{2+} /calmodulin. There is also one soluble AC which could be modulated by bicarbonate and/or Ca^{2+} .

免疫原: cAMP

经过测试的应用: ELISA, WB, IHC

推荐稀释度:

ELISA 1:1000-1:5000

WB 1:500-1:2000

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

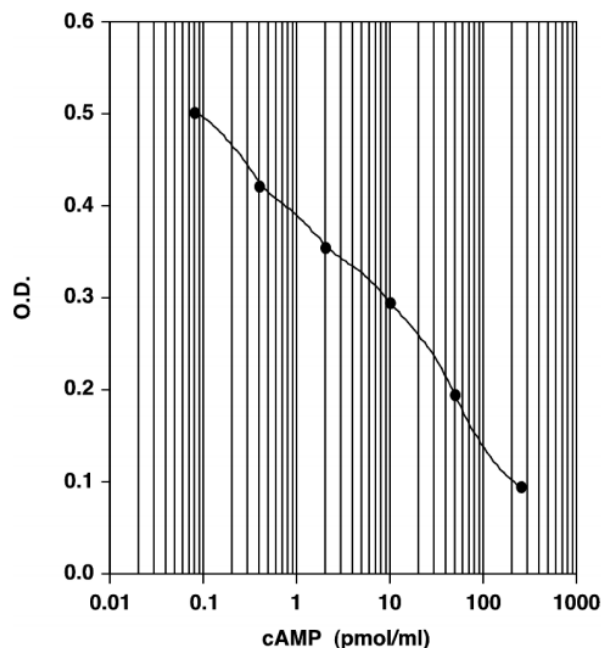
亚型: IgG

纯化: Purified from ascites

Preservative: No

成分: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

储存条件: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing



Sensitivity

Acetylated Version

Mean OD for Bo =	0.565 $\pm$ 0.007
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Mean OD for Standard #6 =	0.500 $\pm$ 0.006
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Delta Optical Density (0-0.08 pmol/mL) =	0.065
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2 SD's of the Zero Standard =	0.014
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Sensitivity = $\frac{0.014}{0.065} \times 0.08 \text{ pmol/mL}$ =	17 fmol/mL
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