

Anti-cGMP antibody [EPR10355] ab169753

重组 RabMAb

3 图像

概述

产品名称	Anti-cGMP抗体[EPR10355]
描述	兔单克隆抗体[EPR10355] to cGMP
宿主	Rabbit
经测试应用	适用于: Competitive ELISA 不适用于: Flow Cyt, ICC/IF, IHC-P, IP or WB
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to cGMP conjugated to keyhole limpet haemocyanin.
常规说明	<p>The product is specific for cGMP and as tested it does not cross-react with cAMP, AMP, ADP, ATP, cGMP, GMP, GDP, GTP and cCMP.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR10355

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab169753于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Competitive ELISA		Use a concentration of 0.1 - 4 µg/ml.

应用说明

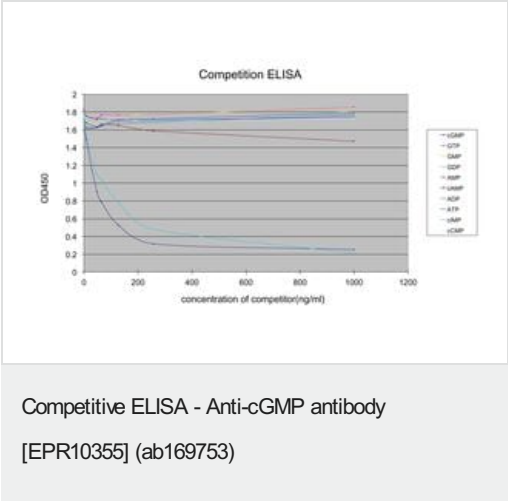
Is unsuitable for Flow Cyt,ICC/IF,IHC-P,IP or WB.

靶标

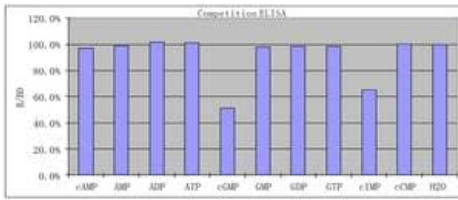
相关性

Cyclic guanosine monophosphate (cGMP) serves as a second messenger in a manner similar to that observed with cAMP. Peptide hormones, such as the natriuretic factors, activate receptors that are associated with membrane-bound guanylate cyclase (GC). Receptor activation of GC leads to the conversion of GTP to cGMP. Nitric oxide (NO) also stimulates cGMP production by activating soluble GC, perhaps by binding to the heme moiety of the enzyme. Similar to cAMP, cGMP mediates most of its intracellular effects through the activation of specific cGMP dependent protein kinases (PKG).

图片



2 µg/ml of Goat anti-rabbit IgG (50 µl/well) was coated into 96-wells. After washing with 0.1 % Tween-20, 0.1 µg/ml of ab169753 (50 µl/well) was added and incubated for 1 hour. After washing, 0, 8, 48, 64, 96, 128, 256 and 1000 ng/ml of cAMP, AMP, ADP, ATP, cGMP, GMP, GDP, GTP, cIMP and cCMP (25 µl/well) were added along with 25 µl of the 1/50 diluted HRP conjugated cGMP. After washing, TMB was used to develop the color.



Competitive ELISA - Anti-cGMP antibody
[EPR10355] (ab169753)

2µg/ml of goat-anti-rabbit IgG (50µl/well) was coated into 96-wells. After washing with 0.1% Tween-20, 0.2µg/ml of ab169753 (50 µl / well) was added and incubated for 1hr. Then 62.5ng/ml of cAMP, AMP, ADP, ATP, cGMP, GMP, GDP, GTP, cIMP, cCMP and H₂O (25 µl / well each) were added, respectively. Finally 25 µl of 1/50 diluted HRP conjugated cGMP was added in each well. TMB was used to develop the color.

Why choose a recombinant antibody?



Anti-cGMP antibody [EPR10355] (ab169753)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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