abcam

Product datasheet

Anti-Adrenomedullin/ADM antibody [HTA171/E8] ab18092

3 References 1 图像

概述

产品名称	Anti-Adrenomedullin/ADM抗体[HTA171/E8]
描述	小鼠单克隆抗体[HTA171/E8] to Adrenomedullin/ADM
宿主	Mouse
经测试应用	**适用于:** Flow Cyt, IHC-P, IHC-Fr
种属反应性	**与反应:** Human
免疫原	Synthetic peptide corresponding to Human Adrenomedullin/ADM.
常规说明	Previously labelled as Adrenomedullin.

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Constituent: PBS
纯度	Purified IgM
克隆	单克隆
克隆编号	HTA171/E8
同种型	IgM

应用

The Abpromise guarantee Abpromise™承诺保证使用ab18092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
Flow Cyt		Use 1µg for 10^6 cells. **ab91545** - Mouse monoclonal IgM, is suitable for use as an isotype control with this antibody.

应用	Ab评论	说明
IHC-P		1/50. PubMed: 18445660
IHC-Fr		Use at an assay dependent concentration.

靶标

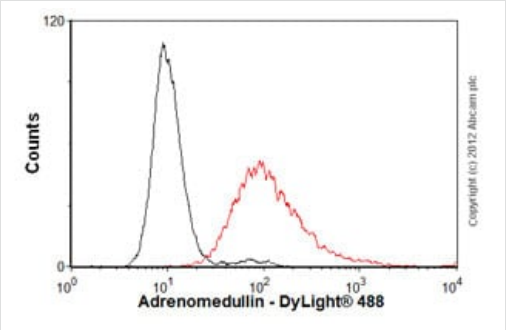
功能 AM and PAMP are potent hypotensive and vasodilatator agents. Numerous actions have been reported most related to the physiologic control of fluid and electrolyte homeostasis. In the kidney, am is diuretic and natriuretic, and both am and pamp inhibit aldosterone secretion by direct adrenal actions. In pituitary gland, both peptides at physiologically relevant doses inhibit basal ACTH secretion. Both peptides appear to act in brain and pituitary gland to facilitate the loss of plasma volume, actions which complement their hypotensive effects in blood vessels.

组织特异性 Highest levels found in pheochromocytoma and adrenal medulla. Also found in lung, ventricle and kidney tissues.

序列相似性 Belongs to the adrenomedullin family.

细胞定位 Secreted.

图片



Flow Cytometry - Anti-Adrenomedullin/ADM antibody [HTA171/E8] (ab18092)

Overlay histogram showing PC12 cells stained with ab18092 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab18092, 1µg/1x10^6 cells) for 30 min at 22ºC. The secondary antibody used was DyLight® 488 goat anti-mouse IgM (mu chain) (**ab97007**) at 1/500 dilution for 30 min at 22ºC. Isotype control antibody (black line) was mouse IgM [ICIGM] (**ab91545**, 2µg/1x10^6 cells) used under the same conditions. Acquisition of >5,000 events was performed.

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