

Anti-Neurotensin Receptor 1/NTSR1 antibody [B-N6] ab27380

1 图像

概述

产品名称	Anti-Neurotensin Receptor 1/NTSR1抗体[B-N6]
描述	小鼠单克隆抗体[B-N6] to Neurotensin Receptor 1/NTSR1
宿主	Mouse
特异性	Recognises the membrane protein.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Neurotensin Receptor 1/NTSR1. NTR transfected CHO cell line
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.30 Preservative: 0.09% Sodium azide Constituents: 98.91% PBS, 1% BSA
纯化说明	Gel filtration
克隆	单克隆
克隆编号	B-N6
骨髓瘤	x63-Ag8.653
同种型	IgM
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab27380于以下的经测试应用

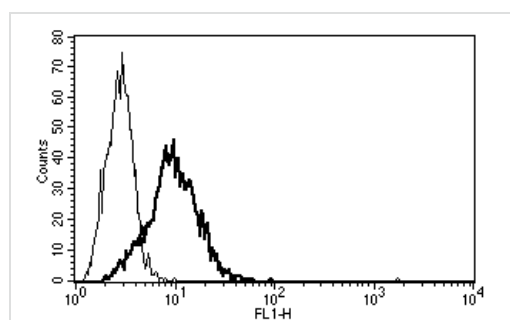
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use 10µl for 10 ⁶ cells. ab91545 - Mouse monoclonal IgM, is suitable for use as an isotype control with this antibody.

靶标

功能	G-protein coupled receptor for the tridecapeptide neurotensin (NTS) (PubMed:8381365, PubMed:21725197, PubMed:23140271). Signaling is effected via G proteins that activate a phosphatidylinositol-calcium second messenger system. Signaling leads to the activation of downstream MAP kinases and protects cells against apoptosis (PubMed:21725197).
组织特异性	Expressed in prostate (at protein level). Detected in colon and peripheral blood mononuclear cells. Detected at very low levels in brain.
序列相似性	Belongs to the G-protein coupled receptor 1 family. Neurotensin receptor subfamily. NTSR1 sub-subfamily.
结构域	The ligand binding pocket consists mainly of extracellular loops ECL2 and ECL3, as well as transmembrane regions TM6 and TM7.
翻译后修饰	N-glycosylated. Palmitoylated; this is required for normal localization at membrane rafts and normal GNA11-mediated activation of down-stream signaling cascades. The palmitoylation level increases in response to neurotensin treatment.
细胞定位	Cell membrane. Membrane raft. Palmitoylation is required for localization at CAV1-enriched membrane rafts.

图片



Staining pattern of NTR transfected CHO cell line with ab27380.

Flow Cytometry - Anti-Neurotensin Receptor
1/NTSR1 antibody [B-N6] (ab27380)

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

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