

Anti-n-Myc/MYCN antibody [NCM II 100] ab16898

★★★★★ [2 Abreviews](#) [39 References](#) [2 图像](#)

概述

产品名称	Anti-n-Myc/MYCN抗体[NCM II 100]
描述	小鼠单克隆抗体[NCM II 100] to n-Myc/MYCN
宿主	Mouse
特异性	This antibody reacts with N-myc/MYCN encoded proteins and their cleavage products.
经测试应用	适用于: IP, IHC-Fr, ICC/IF, WB, ChIP, Flow Cyt
种属反应性	与反应: Mouse, Human
免疫原	Fusion protein corresponding to Human n-Myc/MYCN. Recombinant fusion protein. Original clone reference: PubMed ID - 2426708. Database link: P04198
阳性对照	IMR5 Cells
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 17 May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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. Avoid freeze / thaw cycle.
存储溶液	Constituents: 0.82% Sodium phosphate, 50% Glycerol
纯度	Tissue culture supernatant
纯化说明	Purified from TCS.
克隆	单克隆

克隆编号	NCM II 100
骨髓瘤	Sp2/0
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab16898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
IP		Use at an assay dependent concentration. It is important to compensate for the short half life of this protein when preparing tissue sections or extracts. We recommended that all preparations be kept cold and that a cocktail of protease inhibitors be used.
IHC-Fr		Use at an assay dependent concentration. See references.
ICC/IF		Use at an assay dependent concentration. Pubmed ID: 2426708.
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 50 kDa. See references.
ChIP		Use at an assay dependent concentration. PubMed: 19495417 Suggested to be used at 2 ug.
Flow Cyt		Use at an assay dependent concentration. It is important to compensate for the short half life of this protein when preparing tissue sections or extracts. We recommended that all preparations be kept cold and that a cocktail of protease inhibitors be used. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody

靶标

功能 May function as a transcription factor.

疾病相关 Note=Amplification of the N-MYC gene is associated with a variety of human tumors, most frequently neuroblastoma, where the level of amplification appears to increase as the tumor progresses.
Defects in MYCN are the cause of microcephaly-oculo-digito-esophageal-duodenal syndrome (MODED) [MIM:164280]; also known as oculodigitoesophagoduodenal syndrome (ODED). Microcephaly-oculo-digito-esophageal-duodenal syndrome is characterized by variable combinations of esophageal and duodenal atresias, microcephaly, learning disability and limb malformations. Cardiac and renal malformations, vertebral anomalies, and deafness have also been described.
Defects in MYCN are the cause of microcephaly and digital abnormalities with normal intelligence

(MCPHDANI) [MIM:602585].

序列相似性

Contains 1 basic helix-loop-helix (bHLH) domain.

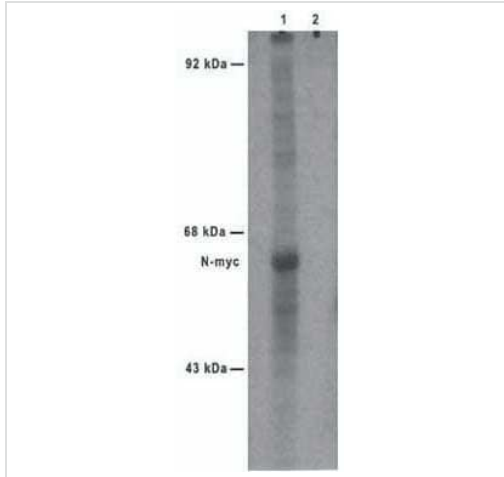
发展阶段

Expressed during fetal development.

细胞定位

Nucleus.

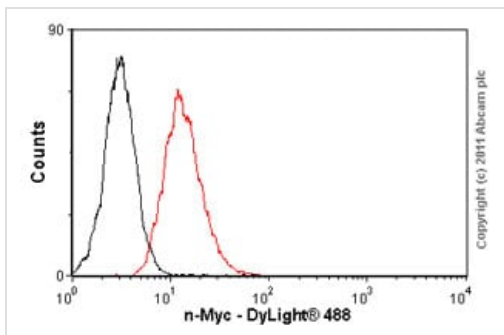
图片



Immunoprecipitation - Anti-n-Myc/MYCN antibody [NCM II 100] (ab16898)

Immunoprecipitation of N-Myc/MYCN from S35 methionine-labeled IMR-5 cells using ab16898 (lane 1) and Normal Mouse IgG (lane 2). ab16898 used at 1 mg/sample.

This image was generated using the ascites version of the product.



Flow Cytometry - Anti-n-Myc/MYCN antibody [NCM II 100] (ab16898)

Overlay histogram showing SH-SY5Y cells stained with ab16898 (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 (ab16898, 0.5µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [CIGG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in SH-SY5Y cells fixed with 4% paraformaldehyde (10 min)/permeabilized in 0.1% PBS-Tween used under the same conditions.

This image was generated using the ascites version of the product.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors