

Product datasheet

Anti-Nuclear Pore Complex Proteins antibody [39C7] ab60080

1 References 1 图像

概述

产品名称	Anti-Nuclear Pore Complex蛋白抗体[39C7]
描述	小鼠单克隆抗体[39C7] to核Pore Complex蛋白
宿主	Mouse
经测试应用	适用于: Flow Cyt, ICC/IF
种属反应性	与反应: Mouse, Rat, Human, Saccharomyces cerevisiae
免疫原	Yeast nuclear preparation

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.1% Sodium azide
纯度	Protein G purified
克隆	单克隆
克隆编号	39C7
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab60080** in the following tested applications.

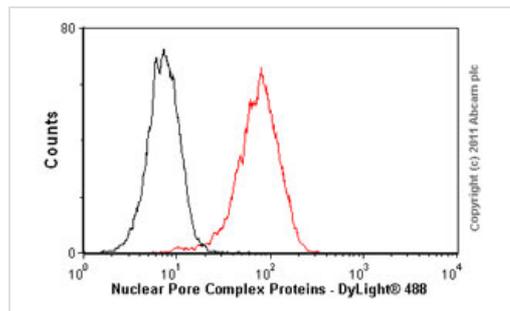
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 1-2µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100 - 1/500. 1/100 - 1/500 (yeast cells) and 1/50 - 1/100 (mammalian cells)

靶标

功能	Essential component of nuclear pore complex. Required for the assembly of peripheral proteins into the nuclear pore complex.
序列相似性	Belongs to the nucleoporin Nup84/Nup107 family.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Nucleus > nuclear pore complex. Chromosome > centromere > kinetochore. Located on both the cytoplasmic and nuclear sides of the nuclear pore. During mitosis, localizes to the kinetochores.

图片



Flow Cytometry - Anti-Nuclear Pore Complex Proteins antibody [39C7] (ab60080)

Overlay histogram showing HeLa cells stained with ab60080 (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 (ab60080, 1µg/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 [ICIGG1] (ab91353, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in HeLa cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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