


Anti-Nuclear Pore Complex Proteins antibody [Mab414] ab24609

★★★★★ **11 Abreviews** **161 References** **4 图像**

概述

产品名称	Anti-Nuclear Pore Complex蛋白抗体[Mab414]
描述	小鼠单克隆抗体[Mab414] to核Pore Complex蛋白
宿主	Mouse
经测试应用	适用于: ICC/IF
种属反应性	与反应: Mouse, Human, Saccharomyces cerevisiae 预测可用于: Vertebrata 
免疫原	Full length native protein (purified) corresponding to Human Nuclear Pore Complex Proteins. Nuclear Pore Complex Proteins
阳性对照	Raw, HEK 293 cell lysate (see Abreview), rat liver lysate (see Aris reference)
常规说明	<p>This is a reliable general purpose monoclonal antibody which recognizes a related family of NPC proteins. This antibody is ideal for studying the morphology and composition of the nucleus and nuclear envelope. It is also useful in studying changes in the nuclear structure during mitosis and meiosis.</p> <p>This product was changed from ascites to tissue culture supernatant on 20/05/2019. 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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.03% Thimerosal (merthiolate) Constituent: PBS

纯度	Affinity purified
Primary antibody说明	This is a reliable general purpose monoclonal antibody which recognizes a related family of NPC proteins. This antibody is ideal for studying the morphology and composition of the nucleus and nuclear envelope. It is also useful in studying changes in the nuclear structure during mitosis and meiosis.
克隆	单克隆
克隆编号	Mab414
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab24609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
ICC/IF	★★★★★ (8)	Use at an assay dependent concentration. Fix cells with 4% paraformaldehyde in NWB (200 mM sucrose, 15 mM Hepes, pH 7.4, 50 mM NaCl, 2.5 mM MgCl2, and 1 mM DTT). Permeabilise with 0.1% NP-40 or 0.1% Triton X-100 in PBS for 2 min. (see Lopez-Soler reference); different customer have used this antibody at different dilutions for ICC/IF (see images below). We recommend that optimal working dilutions are

图片



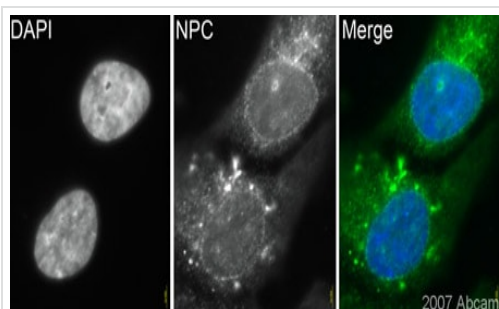
anti-Nucleoporin MAb414 (Red)

Immunocytochemistry/ Immunofluorescence - Anti-Nuclear Pore Complex Proteins antibody [Mab414] (ab24609)

Image courtesy of Saram N J et al. J Biol Chem. 2011 Nov 11; 286(45): 38989–39001. doi: 10.1074/jbc.M111.297952

ab24609 staining Nuclear Pore Complex Proteins in Human chronic myelogenous leukemia cells from bone marrow cells. Cells were fixed with 4% paraformaldehyde in DPBS buffer for 20 mins and permeabilised with 0.1% Triton X-100 for 20 min at room temperature. Cells were blocked with 2% normal goat serum in DPBS with 1% BSA and washed with 0.1% Tween 20.

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

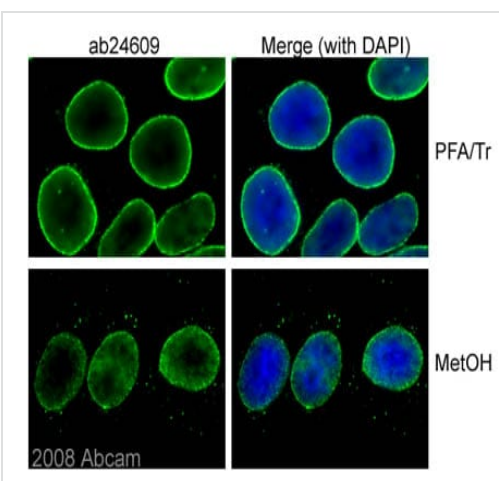


Immunocytochemistry/ Immunofluorescence - Anti-Nuclear Pore Complex Proteins antibody [Mab414] (ab24609)

This image is courtesy of an Abreview submitted by Dr Kirk McManus

ab24609 (1/200) staining Nuclear Pore Complex Proteins in human RPE-1 cells (green). Cells were fixed in paraformaldehyde, permeabilised with Triton X100 and counterstained with DAPI in order to highlight the nucleus (blue). Please refer to abreview for further experimental details.

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

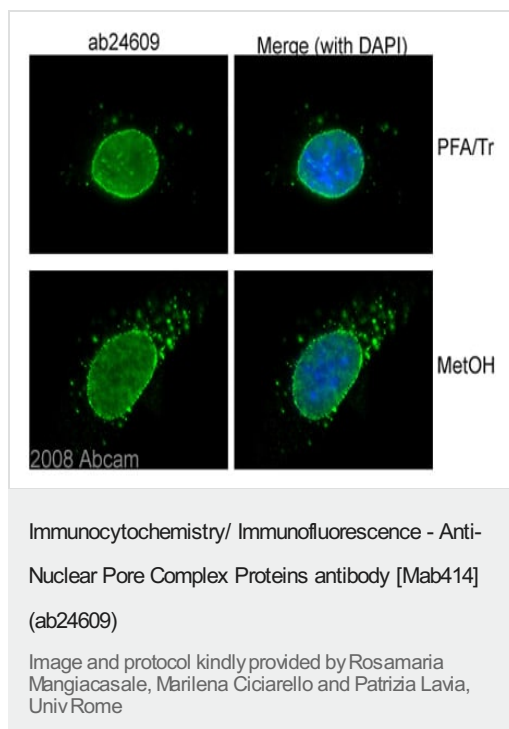


Immunocytochemistry/ Immunofluorescence - Anti-Nuclear Pore Complex Proteins antibody [Mab414] (ab24609)

Image and protocol kindly provided by Rosamaria Mangiacasale, Marilena Ciciarello and Patrizia Lavia, Univ Rome

ab24609 (1/500) staining Nuclear Pore Complex Proteins in human HeLa Cells (green). Cells were fixed with Paraformaldehyde/Triton X-100 (10 min in PTEMF buffer (20mM PIPES, 1mM MgCl₂, 10mM EGTA, 4% PFA) /0.2% Triton-X100 at room T°C) or Methanol (6 min in Methanol -20 °C , followed by 3 washes in 1x PBS) and counterstained with Dapi in order to highlight the nucleus (blue).

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



ab24609 (1/500) staining Nuclear Pore Complex Proteins in murine NIH/3T3 Cells (green). Cells were fixed with Paraformaldehyde/Triton X-100 (10 min in PTEMF buffer (20mM PIPES, 1mM MgCl₂, 10mM EGTA, 4% PFA) /0.2% Triton-X100 at room T°C) or Methanol (6 min in Methanol -20 °C , followed by 3 washes in 1x PBS) and counterstained with Dapi in order to highlight the nucleus (blue).

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

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