


Anti-Nuclear Pore Complex Proteins antibody [Mab414] ab24609

★★★★★ 11 Abreviews 161 References 両俵数 1

医薬用外劇物

製品の概要

製品名	Anti-Nuclear Pore Complex Proteins antibody [Mab414]
製品の詳細	Mouse monoclonal [Mab414] to Nuclear Pore Complex Proteins
由来種	Mouse
アプリケーション	適用あり: ICC/IF
種交差性	交差種: Mouse, Human, Saccharomyces cerevisiae 交差が予測される動物種: Vertebrata 
免疫原	Full length native protein (purified) corresponding to Human Nuclear Pore Complex Proteins. Nuclear Pore Complex Proteins
ポジティブ・コントロール	Raw, HEK 293 cell lysate (see Abreview), rat liver lysate (see Aris reference)
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.03% Thimerosal (merthiolate)

精製度	Constituent: PBS
一次抗体 備考	Affinity purified
	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.
ポリ/モノ	モノクローナル
クローン名	Mab414
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab24609の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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 MgCl ₂ , 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 determined by

画像

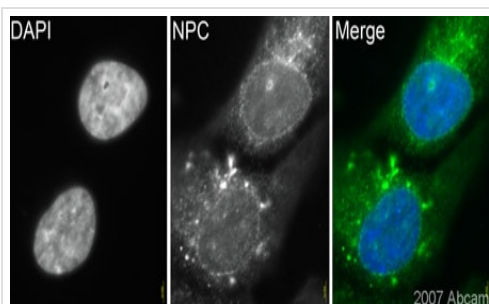


Immunocytochemistry/ Immunofluorescence - Anti-Nuclear Pore Complex Proteins antibody [Mab414] (ab24609)

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.

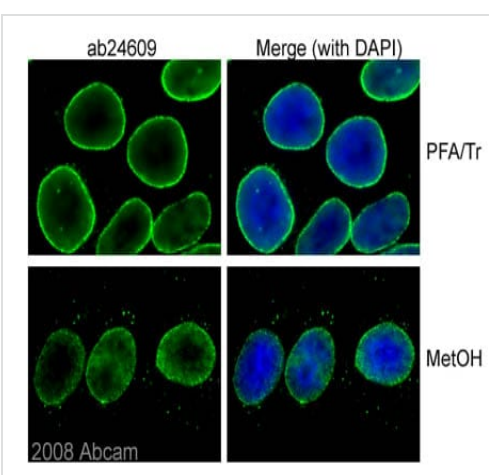


Immunocytochemistry/ Immunofluorescence - Anti-Nuclear Pore Complex Proteins antibody [Mab414] (ab24609)

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.

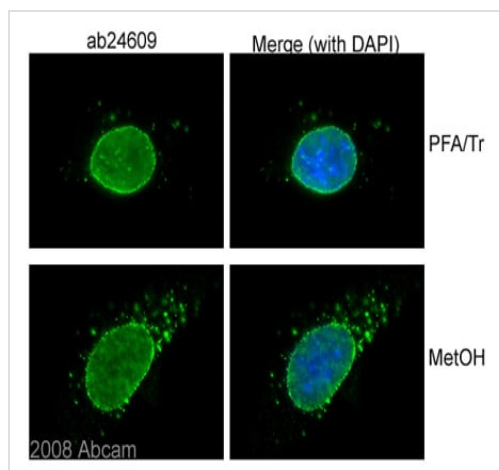


Immunocytochemistry/ Immunofluorescence - Anti-Nuclear Pore Complex Proteins antibody [Mab414] (ab24609)

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.



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 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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