

Anti-Nucleolin antibody [3G4B2] ab14966

5 References [1 图像](#)

概述

产品名称	Anti-Nucleolin抗体[3G4B2]
描述	小鼠单克隆抗体[3G4B2] to Nucleolin
宿主	Mouse
特异性	Recognizes human nucleolin, MW 100kD and an additional protein, MW 95kDa in HeLa nuclear extract. The clone number has been updated from (4i51) to (3G4B2) both clone numbers name the same antibody clone.
经测试应用	适用于: WB
种属反应性	与反应: Human 不与反应: Mouse, Rat
免疫原	Nuclear matrix extract from MDCK cells (dog).
阳性对照	WB: HeLa nuclear extract. IP: MDCK total cell lysate.
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	Preservative: 0.05% Sodium azide Constituent: 30% Glycerol
纯度	Supplied as a liquid in 100µl of culture supernatant containing 0.05% sodium azide prior to the addition of glycerol to 30%.
克隆	Tissue culture supernatant 单克隆

克隆编号3G4B2

同种型IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab14966于以下的经测试应用

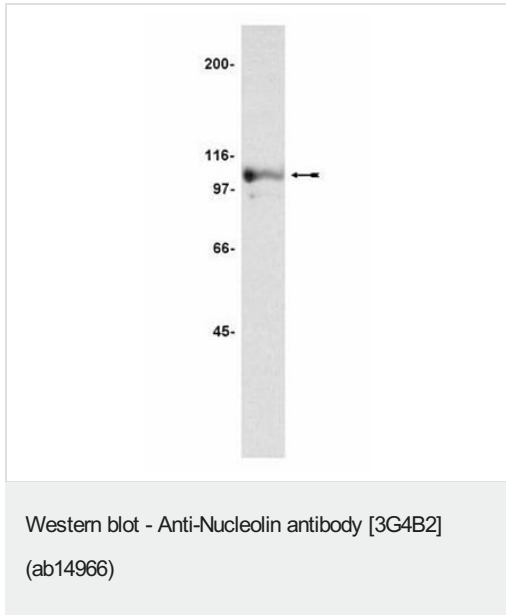
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/5000. Detects a band of approximately 106 kDa (predicted molecular weight: 85 kDa). A weak non-specific band of ~60kDa is detected in human cell lines with lower antibody dilutions.

靶标

功能	Nucleolin is the major nucleolar protein of growing eukaryotic cells. It is found associated with intranucleolar chromatin and pre-ribosomal particles. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. May play a role in the process of transcriptional elongation. Binds RNA oligonucleotides with 5'-UUAGGG-3' repeats more tightly than the telomeric single-stranded DNA 5'-TTAGGG-3' repeats.
序列相似性	Contains 4 RRM (RNA recognition motif) domains.
翻译后修饰	Some glutamate residues are glycyalted by TTLL8. This modification occurs exclusively on glutamate residues and results in a glycine chain on the gamma-carboxyl group.
细胞定位	Nucleus > nucleolus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

图片



Anti-Nucleolin antibody [3G4B2] (ab14966) at 1/5000 dilution +
Hela nuclear lysate

Developed using the ECL technique.

Predicted band size: 85 kDa

HeLa nuclear extract was probed with anti-nucleolin (1:5000 dilution).

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