

Anti-Nucleolin antibody [3G4B2] ab14966

5 References [画像数 1](#)

製品の概要

製品名	Anti-Nucleolin antibody [3G4B2]
製品の詳細	Mouse monoclonal [3G4B2] to Nucleolin
由来種	Mouse
特異性	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.
アプリケーション	適用あり: WB
種交差性	交差種: Human 非交差種: Mouse, Rat
免疫原	Nuclear matrix extract from MDCK cells (dog).
ポジティブ・コントロール	WB: HeLa nuclear extract. IP: MDCK total cell lysate.
特記事項	<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: 0.05% Sodium azide Constituent: 30% Glycerol
精製度	Supplied as a liquid in 100µl of culture supernatant containing 0.05% sodium azide prior to the addition of glycerol to 30%.
ポリ/モノ	Tissue culture supernatant モノクローナル

クローン名	3G4B2
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ab14966の使用に適用されます

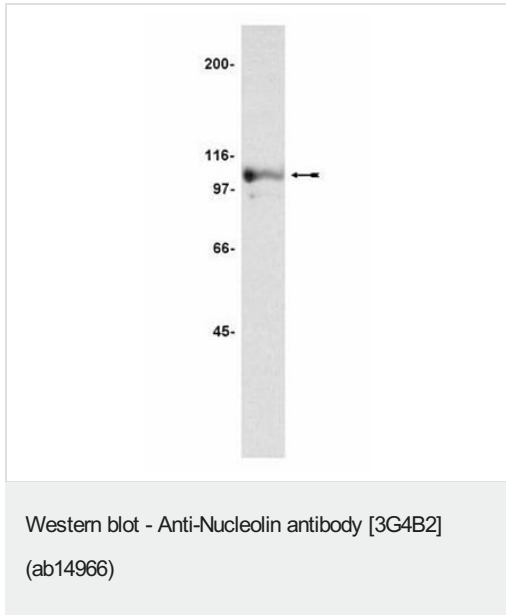
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能	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.
配列類似性	Contains 4 RRM (RNA recognition motif) domains.
翻訳後修飾	Some glutamate residues are glycylation by TTLL8. This modification occurs exclusively on glutamate residues and results in a glycine chain on the gamma-carboxyl group.
細胞内局在	Nucleus > nucleolus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

画像



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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