


Anti-Nucleolin antibody [EPR7951] ab134164

敲除验证 重组 RabMAb

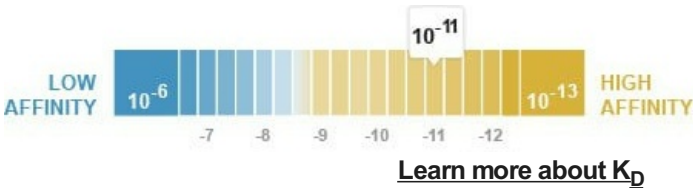
3 References 4 图像

概述

产品名称	Anti-Nucleolin抗体[EPR7951]
描述	兔单克隆抗体[EPR7951] to Nucleolin
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	K562, HuT-78, HeLa, and Jurkat cell lysates
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
解离常数 (K _D)	K _D = 2.90 x 10 ⁻¹¹ M



存储溶液	pH: 7.20
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纯度 Protein A purified

克隆 单克隆

克隆编号 EPR7951

同种型 IgG

The Abpromise guarantee

“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。

应用说明 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

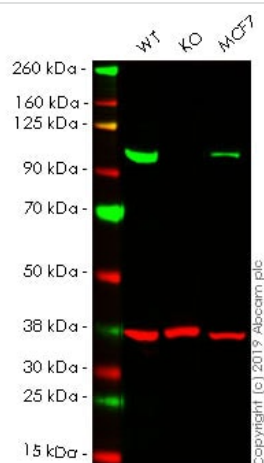
功能

序列相似性 Contains 4 RRM (RNA recognition motif) domains.

翻译后修饰 Some glutamate residues are glycyalted by TTL8. 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.

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Western blot - Anti-Nucleolin antibody [EPR7951]
(ab134164)

All lanes : Anti-Nucleolin antibody [EPR7951] (ab134164) at 1/10000 dilution

Lane 1 : Wild-type HeLa whole cell lysate

Lane 2 : Nucleolin knockout HeLa whole cell lysate

Lane 3 : MCF7 whole cell lysate

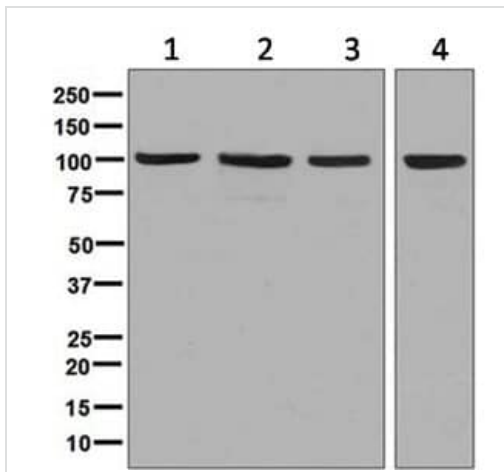
Lysates/proteins at 20 µg per lane.

Predicted band size: 76 kDa

Observed band size: 100 kDa

Lanes 1 - 3: Merged signal (red and green). Green - ab134164 observed at 100 kDa. Red - loading control, **ab8245**, observed at 37 kDa.

ab134164 was shown to specifically react with Nucleolin in wild-type HeLa cells as signal was lost in Nucleolin knockout cells. Wild-type and Nucleolin knockout samples were subjected to SDS-PAGE. The membrane was blocked with 3% Milk. ab134164 and **ab8245** (Mouse anti GAPDH loading control) were incubated overnight at 4°C at 1/10000 dilution and 1/20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed **ab216776** secondary antibodies at 1/20000 dilution for 1 hour at room temperature before imaging.



Western blot - Anti-Nucleolin antibody [EPR7951]
(ab134164)

All lanes : Anti-Nucleolin antibody [EPR7951] (ab134164) at 1/1000 dilution

Lane 1 : K562 cell lysates

Lane 2 : HuT-78 cell lysates

Lane 3 : HeLa cell lysates

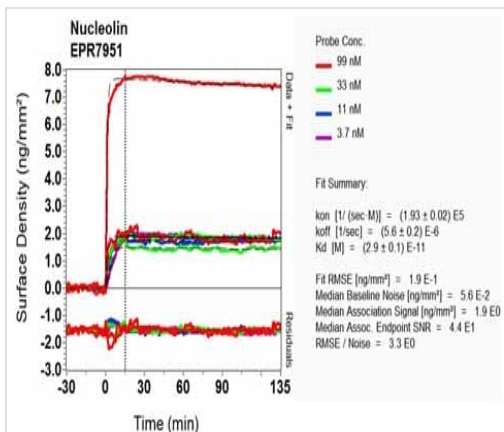
Lane 4 : Jurkat cell lysates

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 76 kDa




O1-RD Scanning - Anti-Nucleolin antibody
[EPR7951] (ab134164)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Nucleolin antibody [EPR7951] (ab134164)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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