

Anti-Nucleostemin antibody [EPR3911(2)] - BSA and Azide free ab248337

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-Nucleostemin antibody [EPR3911(2)] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR3911(2)] to Nucleostemin - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB 適用なし: IHC-P or IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab248337 is the carrier-free version of ab129185.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with</p>

these species. Please contact us for more information.

製品の特性

製品の状態

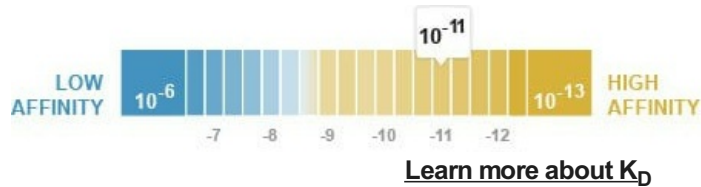
Liquid

保存方法

Shipped at 4°C. Store at +4°C. Do Not Freeze.

解離定数 (K_D 値)

$K_D = 6.76 \times 10^{-11}$ M



バッファー

pH: 7.2

Constituent: PBS

キャリア・フリー

はい

精製度

Affinity purified

ポリ/モノ

モノクローナル

クローン名

EPR3911(2)

アイソタイプ

IgG

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ab248337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確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 62 kDa.

追加情報

Is unsuitable for IHC-P or IP.

ターゲット情報

機能

May be required to maintain the proliferative capacity of stem cells and may play an important role in tumorigenesis.

組織特異性

Increased levels in lung tissue in cancer patients.

配列類似性

Belongs to the MMR1/HSR1 GTP-binding protein family.

Contains 1 G (guanine nucleotide-binding) domain.

ドメイン

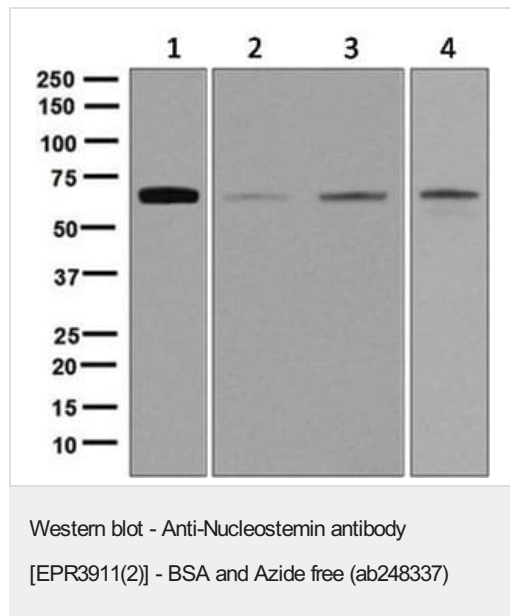
The basic domain (B) allows nucleolar localization in the absence of GTP. The intermediate domain (I) inhibits nucleolar localization by the B domain and is required for exit from the nucleolus. Exit from the nucleolus to the nucleoplasm requires both the I and the acidic (A) domains, and may be triggered by GTP hydrolysis.

In contrast to other GTP-binding proteins, this family is characterized by a circular permutation of the GTPase motifs described by a G4-G1-G3 pattern.

細胞内局在

Nucleus. Nucleus > nucleolus. Shuttles between the nucleus and nucleolus.

画像



All lanes : Anti-Nucleostemin antibody [EPR3911(2)] ([ab129185](#)) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : PC-3 cell lysate

Lane 3 : SW480 cell lysate

Lane 4 : K562 cell lysate

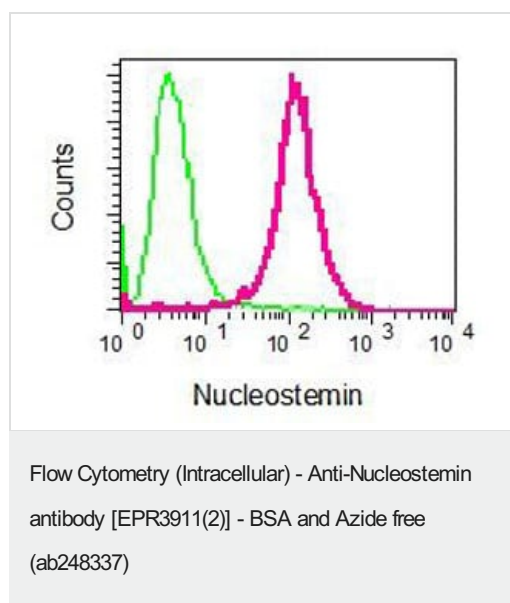
Lysates/proteins at 10 µg per lane.

Secondary

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

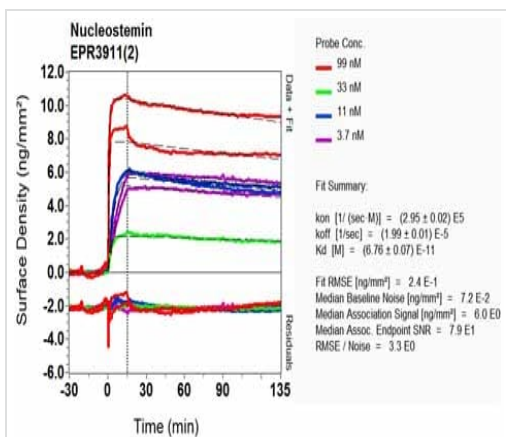
Predicted band size: 62 kDa

This data was developed using [ab129185](#), the same antibody clone in a different buffer formulation.



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Intracellular flow cytometric analysis of permeabilized SW480 cells using [ab129185](#) (red) at 1/10 dilution or a rabbit IgG (negative) (green).



SPR Scanning - Anti-Nucleostemin antibody
[EPR3911(2)] - BSA and Azide free (ab248337)

This data was developed using [ab129185](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant (K_D)

Learn more about K_D

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

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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

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