

Anti-Laminin alpha 5/LAMA5 antibody [EPR18919] - BSA and Azide free ab271947

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名	Anti-Laminin alpha 5/LAMA5 antibody [EPR18919] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR18919] to Laminin alpha 5/LAMA5 - BSA and Azide free
由来種	Rabbit
特異性	This antibody reacts weakly with Laminin alpha 3
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Human, Recombinant fragment
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Mouse Laminin alpha 5/LAMA5 and alpha 3 fragment recombinant proteins; Human fetal kidney lysate; A549 whole cell lysate; Mouse P5 fetal kidney and P3 fetal lung lysates; Rat kidney lysate.
特記事項	<p>ab271947 is the carrier-free version of ab184330.</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>

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

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.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR18919
アイソタイプ	IgG

アプリケーション

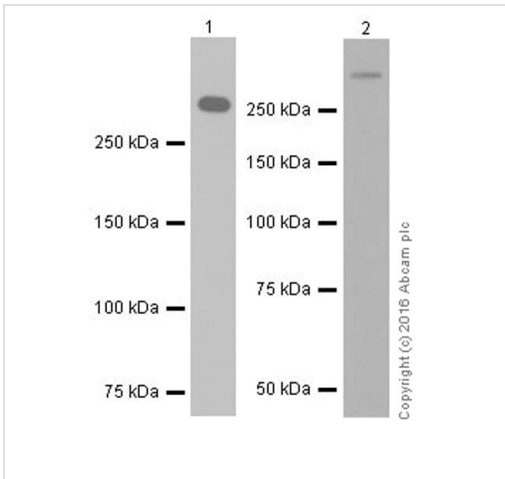
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab271947の使用に適用されず
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Detects a band of approximately 404 kDa (predicted molecular weight: 400 kDa).

ターゲット情報

機能	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.
組織特異性	Expressed in heart, lung, kidney, skeletal muscle, pancreas, retina and placenta. Little or no expression in brain and liver.
配列類似性	Contains 22 laminin EGF-like domains. Contains 5 laminin G-like domains. Contains 1 laminin IV type A domain. Contains 1 laminin N-terminal domain.
ドメイン	Domain G is globular and is part of the major cell-binding site located in the long arm of the laminin heterotrimer.
細胞内局在	Secreted, extracellular space, extracellular matrix, basement membrane. Major component.

画像



Western blot - Anti-Laminin alpha 5/LAMA5 antibody [EPR18919] - BSA and Azide free (ab271947)

All lanes : Anti-Laminin alpha 5/LAMA5 antibody [EPR18919] ([ab184330](#)) at 1/1000 dilution

Lane 1 : Human fetal kidney lysate

Lane 2 : A549 (Human lung carcinoma cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 400 kDa

Observed band size: 404 kDa





Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFD/MTBST.

The expression profile observed is consistent with what has been described in the literature (PMID:12559092; PMID:9624186).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, glycerol, sodium azide and BSA ([ab184330](#)).

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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