

Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] - BSA and Azide free ab248355

リコンビナント **RabMAb**

画像数 5

製品の概要

製品名	Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR7113] to Leukotriene B4 Receptor/BLT - BSA and Azide free
由来種	Rabbit
アプリケーション	<p>適用あり: WB, IHC-P</p> <p>適用なし: Flow Cyt, ICC/IF or IP</p>
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>ab248355 is the carrier-free version of ab131041.</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

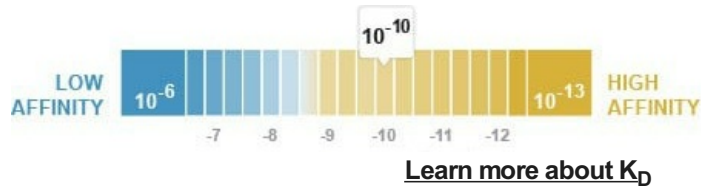
Liquid

保存方法

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

解離定数 (K_D 値)

K_D = 1.96 x 10⁻¹⁰ M



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

EPR7113

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ab248355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
WB		Use at an assay dependent concentration. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

追加情報

Is unsuitable for Flow Cyt, ICC/IF or IP.

ターゲット情報

機能

Receptor for extracellular ATP > UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B₄, a potent chemoattractant involved in inflammation and immune response.

組織特異性

Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues.

配列類似性

Belongs to the G-protein coupled receptor 1 family.

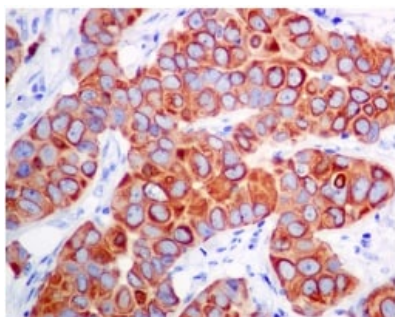
翻訳後修飾

Phosphorylated by GRK6 upon leukotriene B4 binding; which promotes desensitization.

細胞内局在

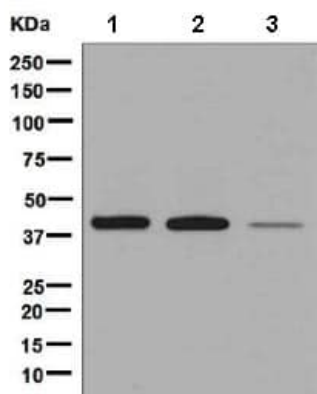
Cell membrane.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] - BSA and Azide free (ab248355)

This data was developed using [ab131041](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labelling Leukotriene B4 Receptor/BLT with [ab131041](#) antibody at 1/50 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] - BSA and Azide free (ab248355)

All lanes : Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] ([ab131041](#)) at 1/10000 dilution

Lane 1 : Human thymus lysate

Lane 2 : Human fetal lung tissue lysate

Lane 3 : A549 cell lysate

Lysates/proteins at 10 µg per lane.

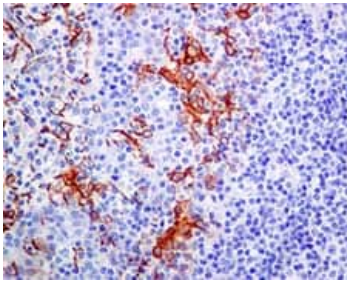
Secondary

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

Predicted band size: 38 kDa

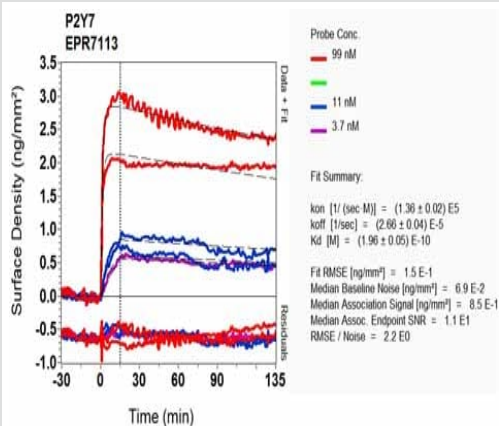
Observed band size: 38 kDa

This data was developed using [ab131041](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] - BSA and Azide free (ab248355)

This data was developed using [ab131041](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labelling Leukotriene B4 Receptor/BLT with [ab131041](#) antibody at 1/50 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



OI-RD Scanning - Anti-Leukotriene B4 Receptor/BLT antibody [EPR7113] - BSA and Azide free (ab248355)

This data was developed using [ab131041](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation 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

Anti-Leukotriene B4 Receptor/BLT antibody
[EPR7113] - BSA and Azide free (ab248355)

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