abcam

Product datasheet

Anti-LILRB3 antibody [FRAS92B] - BSA and Azide free ab271297

リコンビナント

画像数 5

製品の概要

製品名	Anti-LILRB3 antibody [FRAS92B] - BSA and Azide free
製品の詳細	Rat monoclonal [FRAS92B] to LILRB3 - BSA and Azide free
由来種	Rat
アプリケーション	**適用あり:** IHC-P, ICC/IF, Flow Cyt (Intra)
種交差性	**交差種:** Human
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	IHC-P: Human non-hodgkin's lymphoma and tonsil tissue. ICC/IF: 293T cells. Flow Cyt (intra): 293T cells.
特記事項	ab271297 is the carrier-free version of **ab271287**. This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**.

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	FRAS92B
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ab271297の使用に適用されます

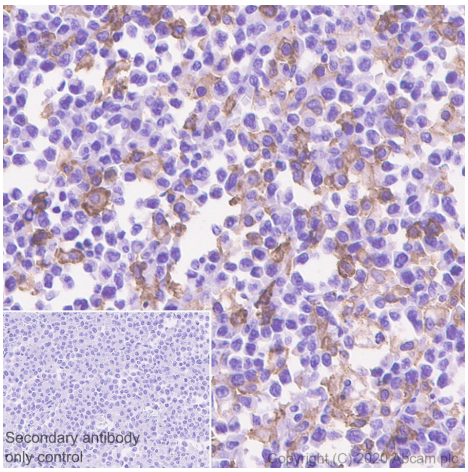
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.

ターゲット情報

関連性	LILRB3 is a 631 amino acid type I transmembrane glycoprotein, which contains four immunoreceptor tyrosine-based inhibition motif (ITIM) sequences within a long cytoplasmic tail. Phosphorylation of the tyrosine residues within ITIMs is known to enable the binding and activation of protein tyrosine phosphatases, which act as cell signalling modulators and inhibitors of cell activation. LILRB3 may act as receptor for class I MHC antigens.
細胞内局在	Membrane; Single-pass type I membrane protein.

画像



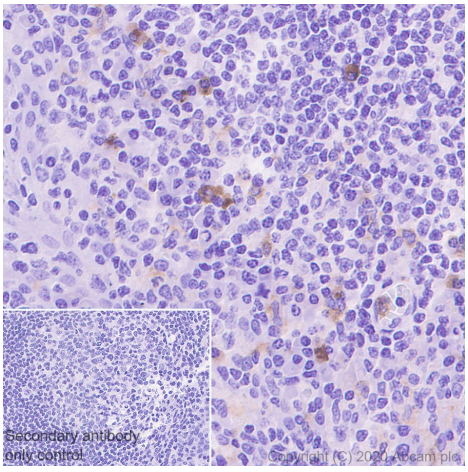
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LILRB3 antibody [FRAS92B] - BSA and Azide free (ab271297)

Immunohistochemical analysis of paraffin-embedded human non-hodgkin's lymphoma tissue labeling LILRB3 with **ab271287** at 1.762µg/ml followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) (**ab214882**). Positive staining on human non-hodgkin's lymphoma. The section was incubated with **ab271287** for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Goat Anti-Rat IgG H&L (HRP polymer) (**ab214882**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab271287**).



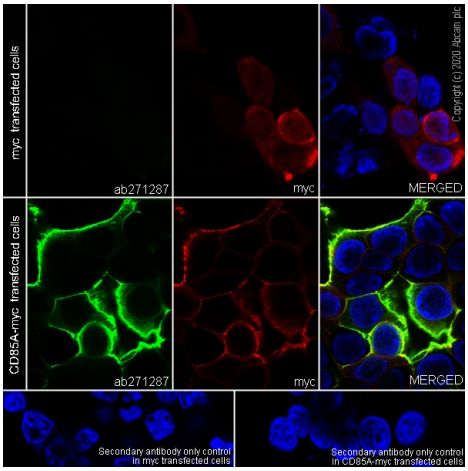
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LILRB3 antibody [FRAS92B] - BSA and Azide free (ab271297)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling LILRB3 with **ab271287** at 1.762µg/ml followed by ready to use Goat Anti-Rat IgG H&L (HRP polymer) (**ab214882**). Positive staining on human tonsil. The section was incubated with **ab271287** for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Goat Anti-Rat IgG H&L (HRP polymer) (**ab214882**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

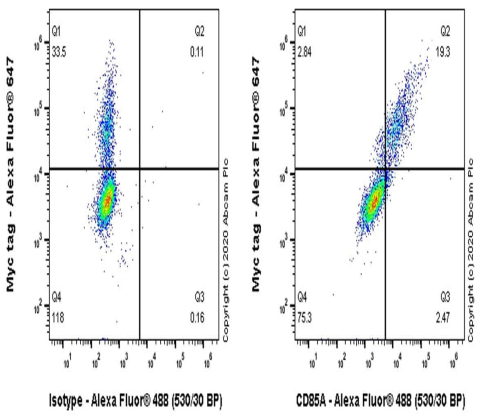
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab271287**).



Immunocytochemistry/ Immunofluorescence - Anti-LILRB3 antibody [FRAS92B] - BSA and Azide free (ab271297)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized 293T cells labelling LILRB3 with **ab271287** at 3.524µg/ml , followed by **ab150157** Goat Anti-Rat IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing membranous and cytoplasmic staining on 293T cells transfected with LILRB3-myc plasmid.
Myc-Tag Mouse mAb (Alexa Fluor® 647) was used to counterstain Myc at 1/200 dilution (Red). The nuclear counterstain was DAPI (Blue).
Secondary antibody only control: **ab150157** Goat Anti-Rat IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

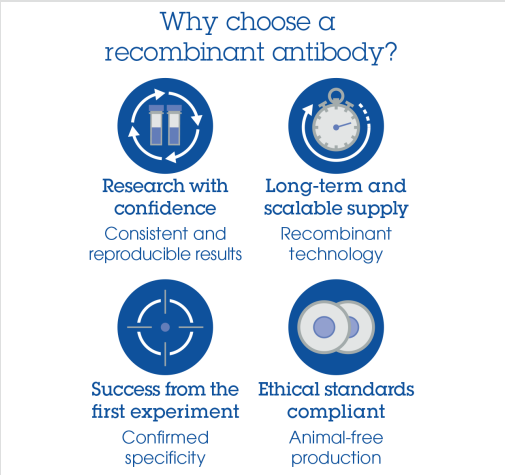
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab271287**).



Flow Cytometry (Intracellular) - Anti-LILRB3 antibody [FRAS92B] - BSA and Azide free (ab271297)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized 293T (Human embryonic kidney epithelial cell) transfected with myc tagged LILRB3 construct cells labelling LILRB3 with **ab271287** at0.881µg/ml (Right panel) compared with a ratmonoclonal IgG isotype control (Left panel). Goat F (ab)2 Anti-Rat IgG Fc (Alexa Fluor® 488, **ab150161**) at 1/2000 dilution was used as the secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab271287**).



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