

APC Anti-LAIR1 antibody [NKTA255] ab270642

画像数 3

製品の概要

製品名	APC Anti-LAIR1 antibody [NKTA255]
製品の詳細	APC Mouse monoclonal [NKTA255] to LAIR1
由来種	Mouse
標識	APC. Ex: 645nm, Em: 660nm
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to LAIR1. Activated NK cells and CD3- thymocytes
ポジティブ・コントロール	Flow: Human peripheral whole blood cells, lymphocytes, neutrophil granulocytes.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at +4°C. Store In the Dark.
バッファー	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
精製度	Size exclusion
ポリ/モノ	モノクローナル
クローン名	NKTA255
アイソタイプ	IgG1

アプリケーション

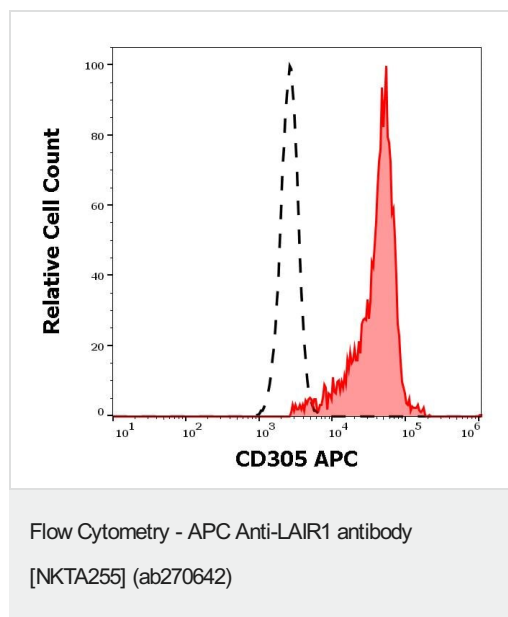
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab270642の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 10µl for 10 ⁶ cells.

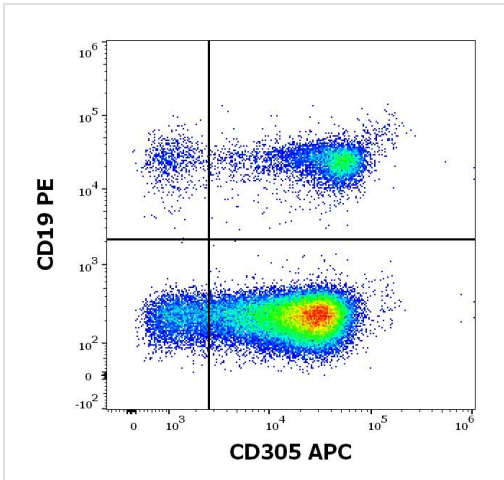
ターゲット情報

機能	Functions as an inhibitory receptor that plays a constitutive negative regulatory role on cytolytic function of natural killer (NK) cells, B-cells and T-cells. Activation by Tyr phosphorylation results in recruitment and activation of the phosphatases PTPN6 and PTPN11. It also reduces the increase of intracellular calcium evoked by B-cell receptor ligation. May also play its inhibitory role independently of SH2-containing phosphatases. Modulates cytokine production in CD4+ T-cells, downregulating IL2 and IFNG production while inducing secretion of transforming growth factor beta. Down-regulates also IgG and IgE production in B-cells as well as IL8, IL10 and TNF secretion. Inhibits proliferation and induces apoptosis in myeloid leukemia cell lines as well as prevents nuclear translocation of NF-kappa-B p65 subunit/RELA and phosphorylation of I-kappa-B alpha/CHUK in these cells. Inhibits the differentiation of peripheral blood precursors towards dendritic cells.
組織特異性	Expressed on the majority of peripheral mononuclear cells, including natural killer (NK) cells, T-cells, B-cells, monocytes, and dendritic cells. Highly expressed in naive T-cells and B-cells but no expression on germinal center B-cells. Abnormally low expression in naive B-cells from HIV-1 infected patients. Very low expression in NK cells from a patient with chronic active Epstein-Barr virus infection.
配列類似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
発生段階	Complete loss of expression when naive B-cells proliferates and differentiates into Ig-producing plasma cells under in vitro stimulation.
ドメイン	ITIM (immunoreceptor tyrosine-based inhibitor motif) motif is a cytoplasmic motif present in 2 copies in the intracellular part of LAIR1. When phosphorylated, ITIM motif can bind the SH2 domain of several SH2-containing phosphatases, leading to down-regulation of cell activation.
翻訳後修飾	Phosphorylation at Tyr-251 and Tyr-281 activates it. May be phosphorylated by LCK. N-glycosylated.
細胞内局在	Cell membrane.

画像

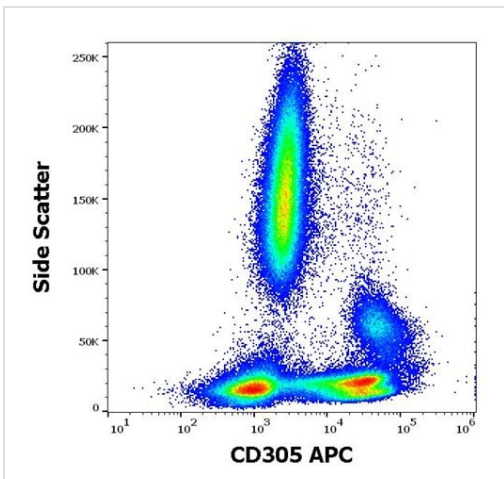


Flow cytometry analysis of B cells (red) and neutrophil granulocytes (black) cells labeling LAIR1 using ab270642. Concentration of 10 μ l reagent/100 μ l peripheral whole blood.



Flow Cytometry - APC Anti-LAIR1 antibody
[NKTA255] (ab270642)

Flow cytometry multicolour surface analysis of human lymphocytes cells labeling LAIR1 using ab270642. The concentration of 20 μ l reagent/ 100 μ l of peripheral whole blood.



Flow Cytometry - APC Anti-LAIR1 antibody
[NKTA255] (ab270642)

Flow cytometry analysis of human peripheral whole blood cells labeling LAIR1 using ab270642. The concentration of 10 μ l reagent/ 100 μ l of peripheral whole blood.

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