

FITC Anti-LAIR1 antibody [NKTA255] ab27744

3 References [画像数 1](#)

製品の概要

製品名	FITC Anti-LAIR1 antibody [NKTA255]
製品の詳細	FITC Mouse monoclonal [NKTA255] to LAIR1
由来種	Mouse
標識	FITC. Ex: 493nm, Em: 528nm
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 Human LAIR1. NK cells lines B12.100 and AM.25 (Human)
特記事項	

Monoclonal antibodies of clone NKTA255, such as ab27744, are reported to inhibit NK cell triggering via CD16 molecules.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
精製度	Protein G purified
一次抗体備考	Monoclonal antibodies of clone NKTA255, such as ab27744, are reported to inhibit NK cell triggering via CD16 molecules.
ポリ/モノ	モノクローナル
クローン名	NKTA255

ミエローマ	P3U1
アイソタイプ	IgG1

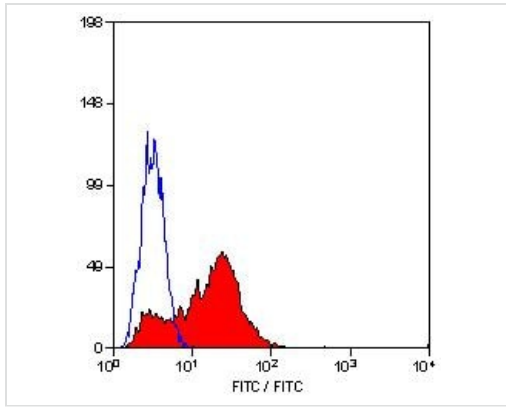
アプリケーション

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ab27744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
Flow Cyt		Use 10µl for 10 ⁶ cells. 10µl of neat antibody for 106 cells in 100µl.

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.



Flow Cytometry analysis of human peripheral blood lymphocytes labeling LAIR1 with FITC-conjugated ab27744.

Flow Cytometry - FITC Anti-LAIR1 antibody [NKTA255] (ab27744)

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