

PE Anti-Human CD305 Antibody[NKTA255]

Catalog Number: AN00330D

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

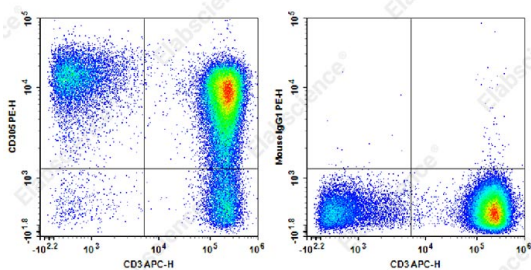
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1
Clone No.	NKTA255
Isotype Control	PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]
Conjugation	PE
Conjugation Information	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of normal human peripheral blood cells with APC Anti-Human CD3 Antibody and PE Anti-Human CD305 Antibody[NKTA255] (left) or PE Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	LAIR-1
Uniprot ID	Q6GTX8

For Research Use Only

Gene ID

3903

Background

CD305, also known as LAIR-1 (leukocyte-associated Ig-like receptor-1), is a 40 kD type I transmembrane glycoprotein. LAIR-1 and LAIR-2 are the only members of the LAIR family in the Ig superfamily. LAIR-1 is an inhibitory molecule characterized by ITIMs in the cytoplasmic domain and collagen ligands. CD305 is expressed on NK cells, T cells, B cells, monocytes, dendritic cells, eosinophils, basophils and mast cells. LAIR-1 functions in the inhibition of cell cytotoxicity, cell activation, proliferation and differentiation.