

Product datasheet

PE Anti-CD5 antibody [L17F12] ab269293

[2 Images](#)

Overview

Product name	PE Anti-CD5 antibody [L17F12]
Description	PE Mouse monoclonal [L17F12] to CD5
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	ab269293 reacts with an extracellular epitope of CD5.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to CD5. Human acute lymphoblastic leukemia (ALL) T cells.
Positive control	Flow cyt: Human peripheral blood.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Clonality	Monoclonal
Clone number	L17F12
Isotype	IgG2a

Light chain type

kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab269293 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10 ⁶ cells. Or 100 µL of whole blood.

Target

Function

May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.

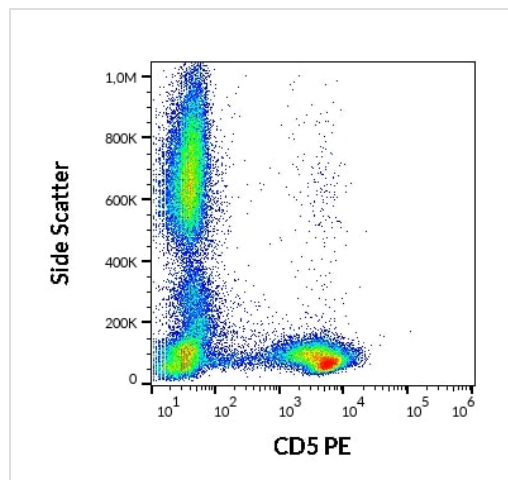
Sequence similarities

Contains 3 SRCR domains.

Cellular localization

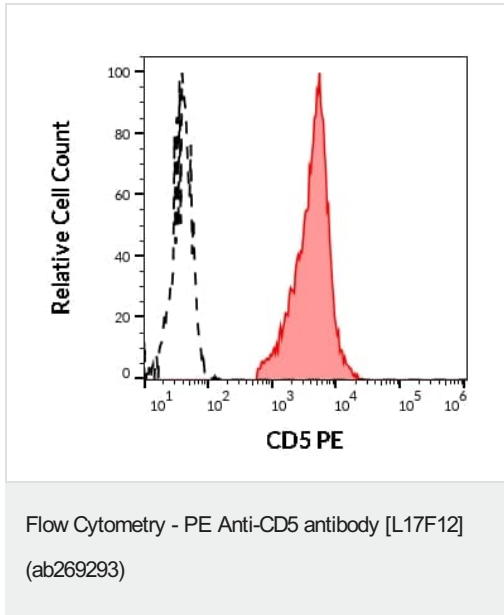
Membrane.

Images



Flow cytometry surface staining pattern of human peripheral whole blood labeling CD5 with ab269293.

Flow Cytometry - PE Anti-CD5 antibody [L17F12]
(ab269293)



Separation of human CD5 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab269293 (10µl reagent / 100 µl of peripheral whole blood).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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