

Product datasheet

FITC Anti-CD23 antibody [EBVCS-5] ab275947

3 Images

Overview

Product name	FITC Anti-CD23 antibody [EBVCS-5]
Description	FITC Mouse monoclonal [EBVCS-5] to CD23
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to CD23. EBV-transformed human cells. Database link: P06734
Positive control	Flow cyt: Human peripheral whole 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. Do Not Freeze. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: 99.9% PBS
Purity	Size exclusion
Clonality	Monoclonal
Clone number	EBVCS-5
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab275947 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 at an assay dependent concentration. 4 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension

Target

Function

This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).

Sequence similarities

Contains 1 C-type lectin domain.

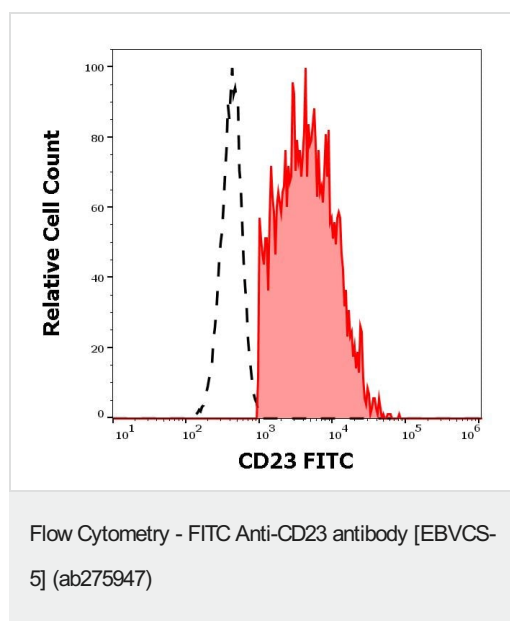
Post-translational modifications

N- and O-glycosylated.

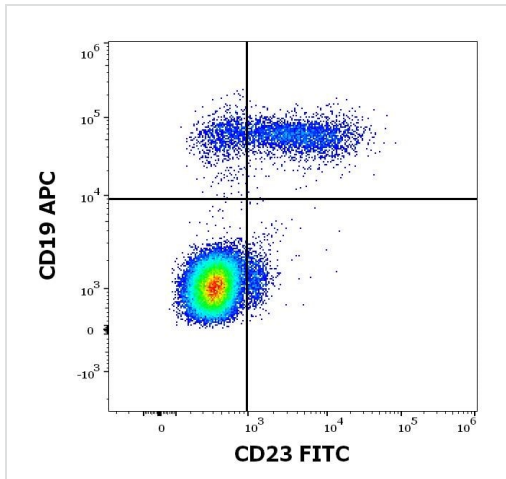
Cellular localization

Cell membrane. Secreted. Also exists as a soluble excreted form.

Images

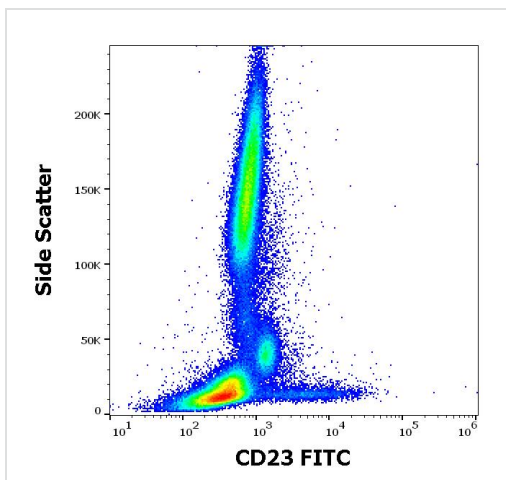


Separation of human CD23 positive B cells (red-filled) from CD23 negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab275947 (4 µl reagent / 100 µl of peripheral whole blood).



Flow Cytometry - FITC Anti-CD23 antibody [EBVCS-5] (ab275947)

Flow cytometry multicolor surface staining of human lymphocytes stained using ab275947 (4 µl reagent / 100 µl of peripheral whole blood) and anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).



Flow Cytometry - FITC Anti-CD23 antibody [EBVCS-5] (ab275947)

Flow cytometry surface staining pattern of human peripheral whole blood stained using ab275947 (4 µl 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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- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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