

### APC Anti-CD23 antibody [2G8] ab25457

[1 References](#) [1 Image](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | APC Anti-CD23 antibody [2G8]  |
| <b>Description</b>         | APC Rat monoclonal [2G8] to CD23  |
| <b>Host species</b>        | Rat   |
| <b>Conjugation</b>         | APC. Ex: 645nm, Em: 660nm   |
| <b>Specificity</b>         | ab25457 recognises CD23 low affinity IgE Fc receptor.   |
| <b>Tested applications</b> | <b>Suitable for:</b> Flow Cyt   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse   |
| <b>Immunogen</b>           | Tissue, cells or virus corresponding to CD23. FcεR isolated from B cell lymphoma cell line M12.4.5  |
| <b>General notes</b>       | <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&amp;As</p> |

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C. Store In the Dark.  |
| <b>Storage buffer</b>       | <p>pH: 7.3</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 16% Sucrose</p> |
| <b>Purity</b>               | Stabilising agent.   |
| <b>Clonality</b>            | Affinity purified  |
| <b>Clone number</b>         | Monoclonal   |
| <b>Isotype</b>              | 2G8  |
|                             | IgG2a  |

Light chain type                      kappa

Applications

**The Abpromise guarantee**                      Our **Abpromise guarantee** covers the use of ab25457 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    |           |       |

**Application notes**

Flow Cyt: Use 0.1µg for 10<sup>6</sup> cells.

Note: ab25457 can be used for identification and enumeration of CD23+ cells by flow cytometry and for differentiation of B cell subpopulations by cell sorting.

IP: Use at an assay dependent dilution.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

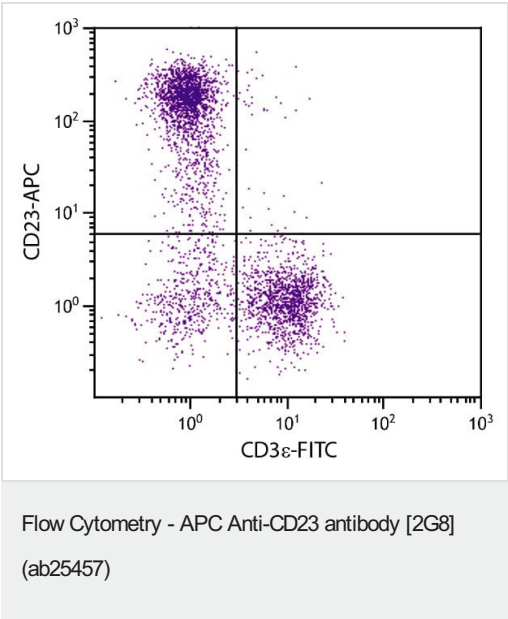
**Function**                      This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).

**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



Flow cytometry analysis of BALB/c mouse splenocytes labeling CD23 with ab25457 at 0.1 µg/10<sup>6</sup> cells and CD3 epsilon with Rat Anti-Mouse CD3 epsilon-FITC.

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

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