full spectrum cell analysis®
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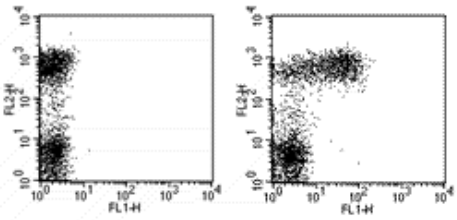
Anti-Mouse CD23 FITC

Catalog Number: 11-0232
Also Known As: Low Affinity IgE Receptor, FceRII
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57BL/6 splenocytes with Anti-Human/Mouse CD45R (B220) PE (cat. 11-0452) and staining buffer (autofluorescence) (left) or 0.25 ug of Anti-Mouse CD23 FITC (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD23 FITC
REF **Catalog Number:** 11-0232
Clone: B3B4
Concentration: 0.5 mg/mL
Host/Isotype: Rat IgG2a, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.
LOT **Batch Code:** Refer to Vial
Use By: Refer to Vial
Caution, contains Azide

Description

The B3B4 monoclonal antibody reacts with mouse CD23, a 45 kDa type II transmembrane glycoprotein. CD23 is expressed on resting conventional B cells, and its expression is modulated upon B-cell activation. B-1 cell lineage (CD5+ B cells) does not express CD23. Soluble forms of the antigen have been reported to be biologically active. CD23 is a low affinity receptor for IgE and is thought to play a role in the regulation of IgE response and B-cell activation. CD21 is thought to bind to CD23.

Applications Reported

The B3B4 antibody has been reported for use in flow cytometric analysis.

Applications Tested

The B3B4 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

11-0452 Anti-Human/Mouse CD45R (B220) FITC (RA3-6B2)
11-4321 Rat IgG2a K Isotype Control FITC (eBR2a)

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