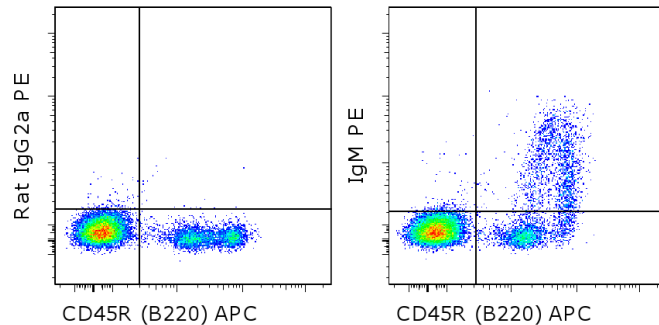


Anti-Mouse IgM PE

Catalog Number: 12-5890

Also known as: Immunoglobulin M, Ig M

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57Bl/6 bone marrow cells with Anti-Human/Mouse CD45R (B220) APC (cat. 17-0452) and 0.03 ug of Rat IgG2a kappa Isotype Control PE (cat. 12-4321) (left) or 0.03 ug of Anti-Mouse IgM PE (right). Total viable cells were used for analysis.

Product Information



Contents: Anti-Mouse IgM PE

Catalog Number: 12-5890

Clone: eB121-15F9

Concentration: 0.2 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.



Batch Code: Refer to vial



Use By: Refer to vial

Description

The eB121-15F9 monoclonal antibody reacts with the mu heavy chain of mouse IgM. It does not react with other classes of mouse immunoglobulin including IgD, IgG or IgA. IgM is expressed intracellularly, during early stages of B lymphopoiesis, and then on the surface of more mature B cells in the bone marrow and peripheral B cells. Fluorochrome conjugated eB121-15F9 can be used as a detection secondary for mouse IgM.

Applications Reported

eB121-15F9 has been reported for use in flow cytometric analysis to detect the surface IgM on mouse B cells and as a second step to detect primary mouse IgMs.

Applications Tested

The eB121-15F9 antibody has been tested by flow cytometric analysis to detect the surface IgM on mouse B cells and can be used at less than or equal to 0.125 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

12-4321 Rat IgG2a K Isotype Control PE (eBR2a)

17-0452 Anti-Human/Mouse CD45R (B220) APC (RA3-6B2)

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