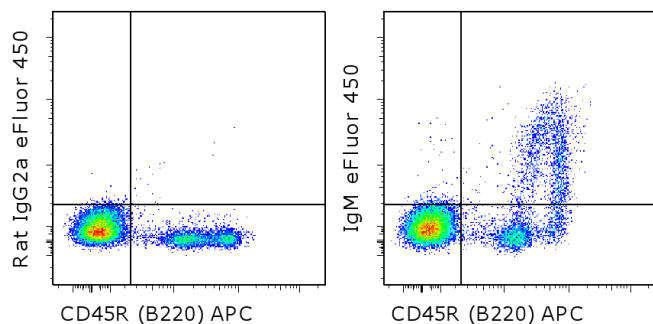


Anti-Mouse IgM eFluor[®] 450

Catalog Number: 48-5890

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 0.25 μ g of Rat IgG2a kappa Isotype Control eFluor[®] 450 (cat. 48-4321) (left) or 0.25 μ g of Anti-Mouse IgM eFluor[®] 450 (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse IgM eFluor[®] 450
Catalog Number: 48-5890
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

This eB121-15F9 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This eB121-15F9 antibody has been tested by flow cytometric analysis of mouse bone marrow cells. This can be used at less than or equal to 0.5 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. 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.

eFluor[®] 450 is a replacement for Pacific Blue[®]. eFluor[®] 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Related Products

17-0452 Anti-Human/Mouse CD45R (B220) APC (RA3-6B2)
48-4321 Rat IgG2a K Isotype Control eFluor[®] 450 (eBR2a)

Not for further distribution without written consent.

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