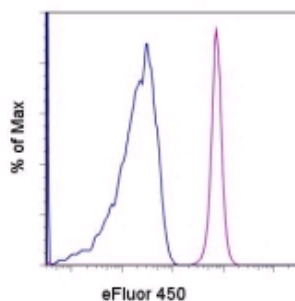


Anti-Mouse CD45.1 eFluor® 450 (Pacific Blue® replacement)

Catalog Number: 48-0453

Also Known As: SJL, Ly5.1

RUO: For Research Use Only



Staining of SJL splenocytes with 0.25 µg of Mouse IgG2a κ Isotype Control eFluor® 450 (cat. 48-4724) (blue histogram) or 0.25 µg of Anti-Mouse CD45.1 eFluor® 450 (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD45.1 eFluor® 450 (Pacific Blue® replacement)


REF Catalog Number: 48-0453

Clone: A20

Concentration: 0.2 mg/ml


Host/Isotype: Mouse IgG2a, κ

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 A20 monoclonal antibody reacts with the mouse CD45 molecule, the leukocyte common antigen (LCA) in CD45.1-expressing mouse strains. The strains that express CD45.1 include SJL/J, DA, STS/A and RIII. CD45.1 is expressed by all leukocytes in these strains.

Applications Reported

This A20 antibody has been reported for use in flow cytometric analysis.

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.

Applications Tested

This A20 antibody has been tested by flow cytometric analysis of mouse splenocytes. 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 10⁵ to 10⁸ 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.

References

Shen, F-W. (1981). "Monoclonal antibodies to mouse lymphocyte differentiation alloantigens. In Monoclonal antibodies and T cell Hybridomas; Perspective and technical advances, eds. Hammerling, G.J., U. Hammerling, and J.F. Kearney": 25-31.

Related Products

48-4724 Mouse IgG2a K Isotype Control eFluor® 450 (Pacific Blue® replacement)

