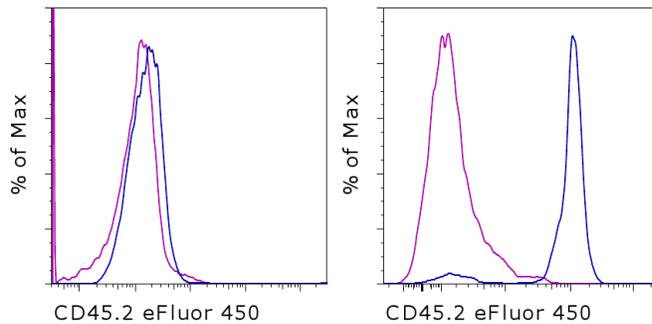


Anti-Mouse CD45.2 eFluor[®] 450

Catalog Number: 48-0454

Also known as: C57BL/6, Balb/c, Ly5.2

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



Staining of SJL (left) and BALB/c (right) splenocytes with 0.25 ug of Mouse IgG2a K Isotype Control eFluor[®] 450 (cat. 48-4724) (blue histogram) or 0.25 ug of Anti-Mouse CD45.2 eFluor[®] 450 (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information



Contents: Anti-Mouse CD45.2 eFluor[®] 450

Catalog Number: 48-0454

Clone: 104

Concentration: 0.2 mg/mL

Host/Isotype: Mouse 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 104 monoclonal antibody reacts with the mouse CD45 molecule, the leukocyte common antigen (LCA) in CD45.2-expressing mouse strains. The strains that express CD45.2 include the most commonly used mouse strains C57BL/6, BALB/c, C58, DBA/1, DBA/2, C3H/He, CBA, 129, A and AKR. CD45.2 is expressed by all leukocytes in these strains.

Applications Reported

This 104 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 104 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, FW. (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

00-4222 Flow Cytometry Staining Buffer

48-4724 Mouse IgG2a K Isotype Control eFluor[®] 450

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