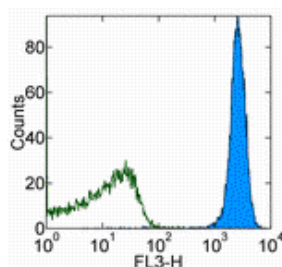


Anti-Mouse CD45.2 PerCP-Cyanine5.5

Catalog Number: 45-0454

Also Known As: C57BL/6, Balb/c, Ly5.2

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



Staining of BALB/c splenocytes with 0.5 ug of Mouse IgG2a K Isotype Control PerCP-Cyanine5.5 (cat. 45-4724) (open histogram) or 0.5 ug of Anti-Mouse CD45.2 PerCP-Cyanine5.5 (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse CD45.2 PerCP-Cyanine5.5

REF **Catalog Number:** 45-0454

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.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Contains sodium azide**

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 BALB/c splenocytes. This can be used at less than or equal to 1 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.

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

45-4724 Mouse IgG2a K Isotype Control PerCP-Cyanine5.5

Legal

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