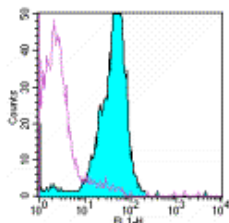


Anti-Mouse CD45.2 Purified

Catalog Number: 14-0454

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

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



Staining of C57BL/6 splenocytes with 0.25 ug of Mouse IgG2a Isotype Control Purified (cat.14-4724) (open histogram), or 0.25 ug of Anti-Mouse CD45.2 Purified followed by Anti-Mouse IgG FITC (cat. 11-4011) (closed histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD45.2 Purified

 **Catalog Number:** 14-0454

Clone: 104

Concentration: 0.5 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.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains 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

The 104 antibody has been reported for use in flow cytometric analysis, immunoprecipitation, and immunohistochemical staining of frozen tissue sections. (Biotinylated 104 is recommended for IHC cat. 13-0454).

Applications Tested

The 104 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions and 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.

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

00-4222 Flow Cytometry Staining Buffer

11-4011 Anti-Mouse IgG FITC

14-4724 Mouse IgG2a K Isotype Control Purified

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