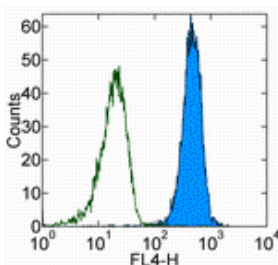


Anti-Mouse CD45.2 Alexa Fluor® 700

Catalog Number: 56-0454

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 0.25 ug of Mouse IgG2a K Isotype Control Alexa Fluor® 700 (cat. 56-4724) (open histogram) or 0.25 ug of Anti-Mouse CD45.2 Alexa Fluor® 700 (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse CD45.2 Alexa Fluor® 700


REF Catalog Number: 56-0454

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

 **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

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

The Alexa Fluor® 700 emits at 723 nm and can be excited with the He-Ne 633 laser. Most instruments will require a 685 LP mirror and 710/20 filter. Please make sure that your instrument is capable of detecting this fluorochrome.

Applications Tested

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

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

56-4724 Mouse IgG2a K Isotype Control Alexa Fluor® 700

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