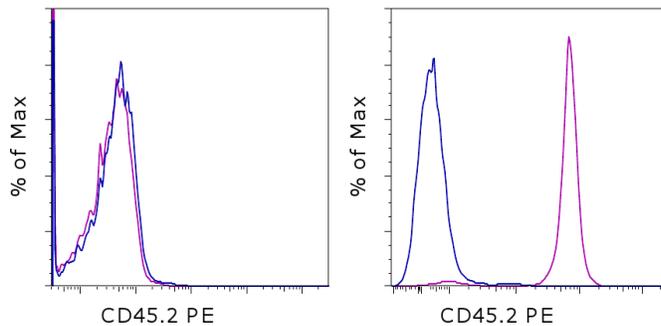


## Anti-Mouse CD45.2 PE

**Catalog Number:** 12-0454

**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 PE (cat. 12-4724) (blue histogram) or 0.25 ug of Anti-Mouse CD45.2 PE (purple histogram). Total lymphocytes were used for analysis.

### Product Information



**Contents:** Anti-Mouse CD45.2 PE

**Catalog Number:** 12-0454

**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

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

### Applications Tested

The 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 10<sup>5</sup> to 10<sup>8</sup> 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

12-4724 Mouse IgG2a K Isotype Control PE

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