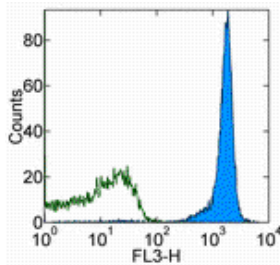


## Anti-Mouse CD45.1 PerCP-Cyanine5.5

**Catalog Number:** 45-0453

**Also Known As:** SJL, Ly5.1

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



Staining of SJL splenocytes with 0.125  $\mu$ g of Mouse IgG2a K Isotype Control PerCP-Cyanine5.5 (cat. 45-4724) (open histogram) or 0.125  $\mu$ g of Anti-Mouse CD45.1 PerCP-Cyanine5.5 (filled histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse CD45.1 PerCP-Cyanine5.5

**REF** **Catalog Number:** 45-0453

**Clone:** A20

**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



**Contains sodium azide**

### Description

The A20 monoclonal antibody reacts with the mouse CD45 molecule, the leukocyte common antigen (LCA) in CD45.1-expressing mouse strains. The strains that express CD45.1 include SJL/J, DA, STS/A and RIII. CD45.1 is expressed by all leukocytes in these strains.

### Applications Reported

This A20 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This A20 antibody has been tested by flow cytometric analysis of SJL mouse splenocytes. This can be used at less than or equal to 0.25  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from  $10^5$  to  $10^8$  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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