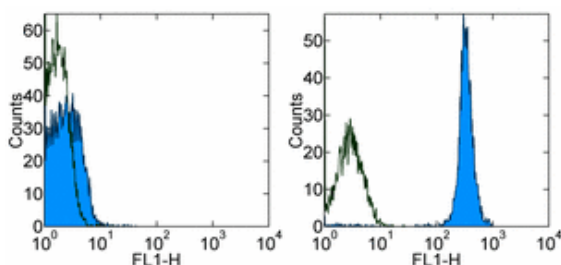


## Anti-Mouse CD45.1 FITC

Catalog Number: 11-0453

Also Known As: SJL, Ly5.1

RUO: For Research Use Only



Staining of BALB/c (left) or SJL (right) splenocytes with 0.25 µg of Mouse IgG2a κ Isotype Control FITC (cat. 11-4724) or 0.25 µg of Anti-Mouse CD45.1 FITC (filled histogram). Total viable cells were used for analysis.

### Product Information

Contents: Anti-Mouse CD45.1 FITC


**REF** Catalog Number: 11-0453

Clone: A20

Concentration: 0.5 mg/ml


Host/Isotype: Mouse IgG2a, κ

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 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

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

### Applications Tested

The A20 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 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

11-4724 Mouse IgG2a K Isotype Control FITC

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