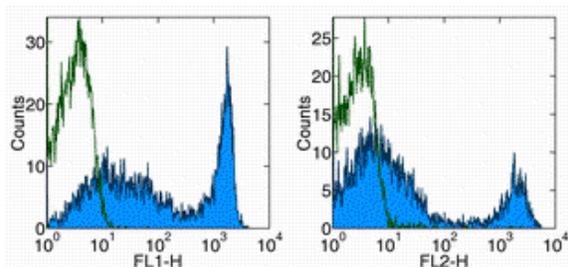


## Anti-Mouse CD90.2 (Thy-1.2) FITC

Catalog Number: 11-0902

RUO: For Research Use Only



Staining of mouse splenocytes with Anti-Mouse CD90.2 (Thy-1.2) FITC (left) or PE (right). Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse CD90.2 (Thy-1.2) FITC

**REF** **Catalog Number:** 11-0902

**Clone:** 53-2.1

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Rat 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 53-2.1 monoclonal antibody reacts with mouse CD90.2 also known as Thy-1.2, a GPI-linked membrane molecule. CD90.2 is expressed by mouse thymocytes and mature T cells as well as neurons in CD90.2-expressing mouse strains. These strains include BALB/c, CBA, C3H, C57BL/6, C58/, SJL and others. Cells from CD90.1-expressing strains including PL and AKR do not stain with 53-2.1. CD90 is involved in regulation of adhesion and signal transduction by T cells.

### Applications Reported

The 53-2.1 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

The 53-2.1 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 0.125 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

Ledbetter, J. A. and L. A. Herzenberg (1979). Xenogeneic monoclonal antibodies to mouse lymphoid differentiation antigens. *mmunol Rev* 47: 63-90.

### Related Products

11-4321 Rat IgG2a K Isotype Control FITC

16-0903 Anti-Mouse CD90.2 (Thy-1.2) Functional Grade Purified (30-H12)

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