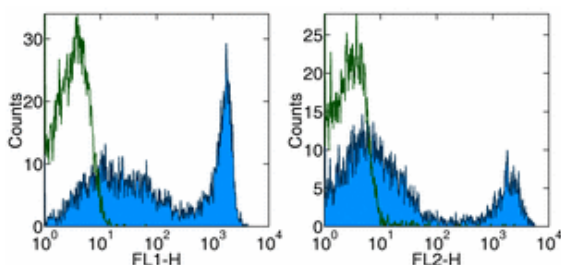


Anti-Mouse CD90.2 (Thy-1.2) PE

Catalog Number: 12-0902

Also Known As: Thy1.2

RUO: For Research Use Only



Staining of mouse splenocytes with Rat IgG2a κ Isotype Control FITC (cat. 11-4321) (left, open histogram) or Rat IgG2a κ Isotype Control PE (cat. 12-4321) (right, open histogram) and Anti-Mouse CD90.2 (Thy-1.2) FITC (cat. 11-0903) (left, filled histogram) or Anti-Mouse CD90.2 (Thy-1.2) PE (right, filled histogram). Total viable cells were used for analysis.

Product Information

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


REF Catalog Number: 12-0902

Clone: 53-2.1

Concentration: 0.2 mg/ml


Host/Isotype: Rat 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 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 0.03 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 10^5 to 10^8 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." *Immunol Rev* 47: 63-90.

Related Products

11-0903 Anti-Mouse CD90.2 (Thy-1.2) FITC (30-H12)

12-0903 Anti-Mouse CD90.2 (Thy-1.2) PE (30-H12)

12-4321 Rat IgG2a K Isotype Control PE

13-0903 Anti-Mouse CD90.2 (Thy-1.2) Biotin (30-H12)

14-0903 Anti-Mouse CD90.2 (Thy-1.2) Purified (30-H12)

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

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