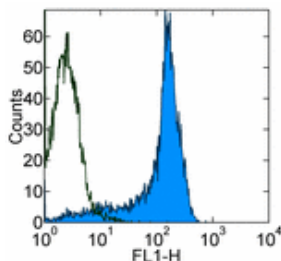


Anti-Mouse CD45RB Purified

Catalog Number: 14-0455

RUO: For Research Use Only



Staining of BALB/c splenocytes with 0.06 µg Rat IgG2a Isotype Control Purified (cat. 14-4321) (open histogram) or 0.06 µg Anti-Mouse CD45RB Purified (filled histogram) followed by Anti-Rat IgG FITC (cat. 11-4811). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD45RB Purified


REF Catalog Number: 14-0455

Clone: C363.16A


Concentration: 0.5 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.

LOT Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

Description

The C363.16A monoclonal antibody reacts with the exon B-dependent isoform of mouse CD45. This CD45 isoform is expressed by thymocytes, peripheral B cells and a subpopulation of T cells at high density and by dendritic cells and macrophages at low density. CD45 is a protein tyrosine phosphatase and serves an important role in leukocyte signal transduction.

Applications Reported

The C363.16A antibody has been reported for use in flow cytometric analysis, immunoprecipitation, and immunohistochemical staining of frozen tissue sections.

Applications Tested

The C363.16A 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

Bottomly, K., M. Luqman, et al. (1989). "A monoclonal antibody to murine CD45R distinguishes CD4 T cell populations that produce different cytokines." *Eur J Immunol* 19(4): 617-23.

Johnson, P., L. Greenbaum, et al. (1989). "Identification of the alternatively spliced exons of murine CD45 (T200) required for reactivity with B220 and other T200-restricted antibodies." *J Exp Med* 169(3): 1179-84.

Related Products

11-4317 Streptavidin FITC

11-4811 Anti-Rat IgG FITC

12-4317 Streptavidin PE

13-4813 Anti-Rat IgG Biotin (Polyclonal)

14-4321 Rat IgG2a K Isotype Control Purified

17-4317 Streptavidin APC

