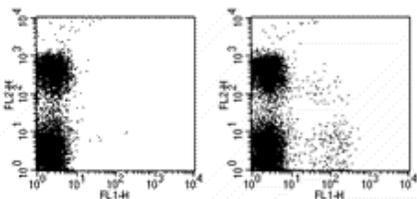


Anti-Mouse Ly-49I FITC

Catalog Number: 11-5895

Also Known As: Ly49I

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



Staining of C57BL/6 splenocytes with Anti-Mouse CD3e PE (cat. 12-0031) and Mouse IgG1 K Isotype Control FITC (cat. 11-4714) (left) or 0.5 μ g of Anti-Mouse Ly-49I FITC (right). Samples were pre-incubated with Anti-Mouse CD16/CD32 Purified (cat. 14-0161). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse Ly-49I FITC

REF **Catalog Number:** 11-5895

Clone: YLI-90

Concentration: 0.5 mg/mL

Host/Isotype: Mouse IgG1, 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 YLI-90 monoclonal antibody reacts with the B6 mouse Ly-49I receptor. Ly49I, a member of the Ly49 family with inhibitory function, is a homodimer type II transmembrane protein and contains an Immunoreceptor Tyrosine-based Inhibitory Motif (ITIM). YLI-90 binds to subpopulations of NK, NKT and T cell lineages in the C57Bl/6 strain. This antibody does not bind to cells from BALB/c, SJL or AKR/J mice.

Applications Reported

YLI-90 has been reported for use in flow cytometric analysis.

Applications Tested

The YLI-90 antibody has been tested by flow cytometric analysis of C57Bl/6 and BALB/c mouse splenocyte suspensions and can be used at less than or equal to 0.25 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ 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

Coles MC, McMahon CW, Takizawa H, Raulet DH. Memory CD8 T lymphocytes express inhibitory MHC-specific Ly49 receptors. Eur J Immunol. 2000 Jan;30(1):236-44.

Related Products

11-4714 Mouse IgG1 K Isotype Control FITC (P3.6.2.1)

12-0031 Anti-Mouse CD3e PE (145-2C11)

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Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com