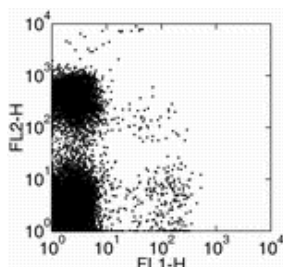


## Anti-Mouse Ly-49I PE

Catalog Number: 12-5895

Also Known As: Ly49I

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



Staining of mouse splenocytes with Anti-Mouse CD3e PE (cat. 12-0031) and Anti-Mouse Ly49I FITC. Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse Ly-49I PE

**REF** **Catalog Number:** 12-5895

**Clone:** YLI-90

**Concentration:** 0.2 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.



**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 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.

### Related Products

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

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.1)

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