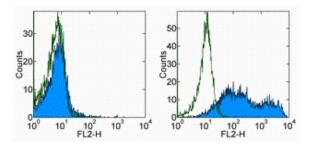


Anti-Human/Mouse GL7 (T and B Cell Activation Marker) Purified

Catalog Number: 14-5902 Also Known As:Ly-77, Ly77 RUO: For Research Use Only. Not for use in diagnostic procedures.



Product Information

Contents: Anti-Human/Mouse GL7 (T and B Cell Activation Marker) Purified

REF Catalog Number: 14-5902 Clone: GL-7 (GL7) Concentration: 0.5 mg/mL Host/Isotype: Rat IgM Staining of 3-day unstimulated (left) and 3-day ConA-stimulated (right) BALB/c splenocytes with 0.25 ug of Rat IgM kappa Isotype Control Purified (cat. 14-4341) (open histogram) or 0.25 ug of Anti-Human/Mouse GL7 (T and B Cell Activation Marker) Purified (filled histogram) followed by Anti-Rat IgM PE (cat. 12-0990). Total viable cells were used for analysis.

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

This GL7 monoclonal antibody reacts with a cell-surface protein found on T and B lymphocytes activated in vitro, on bone marrow pre-B-II cells, germinal center B cells, and also human B cell lines Ramos and Daudi. There is strain variability with respect to antigen distribution on thymocytes and Con A-activated spleen cells, with expression in BALB/c greater than that in C57BL/6. GL7 is commonly used as a marker for mouse germinal center B cells. The epitope of GL7 has been identified as a sialic acid glycan moiety called Neu5Ac. This moiety is recognized by CD22.

Applications Reported

The GL-7 (GL7) antibody has been reported for use in flow cytometric analysis, immunoprecipitation, and immunohistochemical staining of frozen tissue sections.

Applications Tested

The GL-7 (GL7) antibody has been tested by flow cytometric analysis of ConA-activated mouse splenocytes. This can be used at less than or equal to 0.5 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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Related Products 12-0990 Anti-Rat IgM PE (HIS40) 14-4341 Rat IgM Isotype Control Purified

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