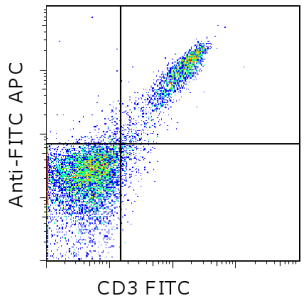
Anti-Fluorescein isothiocyanate (FITC) APC

Catalog Number: 17-3300
RUO: For Research Use Only. Not for use in diagnostic procedures.



C57Bl/6 splenocytes were first stained with Anti-Mouse CD3e FITC (cat. 11-0031), followed by 0.06 µg of Anti-Fluorescein isothiocyanate (FITC) APC. Total viable cells were used for analysis.

Product Information

Contents: Anti-Fluorescein isothiocyanate (FITC) APC
REF **Catalog Number:** 17-3300
Clone: FITC-9
Concentration: 0.2 mg/mL
Host/Isotype: Mouse IgG1

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

Description

This FITC-9 monoclonal antibody reacts to fluorescein isothyocianate (FITC), a derivative of fluorescein commonly used in flow cytometry and fluorescent microscopy. FITC-9 can be used for the separation of cells labeled with FITC-conjugated antibodies or for staining.

Applications Reported

This FITC-9 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This FITC-9 antibody has been tested by flow cytometric analysis of cells stained with FITC-conjugated antibody. 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 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

Butcher EC, Weissman IL. Direct fluorescent labeling of cells with fluorescein or rhodamine isothiocyanate. I. Technical aspects. J Immunol Methods. 1980;37(2):97-108.

The TH, Feltkamp TE. Conjugation of fluorescein isothiocyanate to antibodies. II. A reproducible method. Immunology. 1970 Jun;18(6):875-81.

Hebert GA, Pittman B, Cherry WB. Factors affecting the degree of nonspecific staining given by fluorescein isothiocyanate labelled globulins. J Immunol. 1967 Jun;98(6):1204-12.

Related Products

17-4714 Mouse IgG1 K Isotype Control APC (P3.6.2.8.1)

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