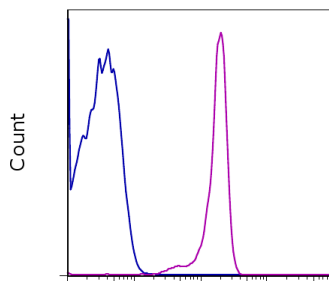


Anti-Fluorescein isothiocyanate (FITC) eFluor[®] 660 (Alexa[®] 647 Replacement)

Catalog Number: 50-3300

Also known as: Anti-FITC, fluorescein

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



Anti-FITC eFluor 660

Staining of C57Bl/6 thymocytes with staining buffer (autofluorescence) (open histogram) or Anti-Mouse CD4 FITC (cat. 11-0041) followed by 0.06 ug of Anti-Fluorescein isothiocyanate (FITC) eFluor[®] 660 (purple histogram). Total viable cells were used for analysis.

Product Information

Contents: Anti-Fluorescein isothiocyanate (FITC) eFluor[®] 660 (Alexa[®] 647 Replacement)

REF **Catalog Number:** 50-3300

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.

Batch Code: Refer to vial

Use By: Refer to vial



Description

This FITC-9 monoclonal antibody reacts to fluorescein isothiocyanate (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 cell stained with a 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

eFluor[®] 660 is a replacement for Alexa Fluor[®] 647. eFluor[®] 660 emits at 659 nm and is excited with the red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

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

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isothiocyanate labelled globulins. J Immunol. 1967 Jun;98(6):1204-12.

Related Products

00-4222 Flow Cytometry Staining Buffer

11-0041 Anti-Mouse CD4 FITC (GK1.5)

50-4714 Mouse IgG1 K Isotype Control eFluor® 660 (P3.6.2.8.1)

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