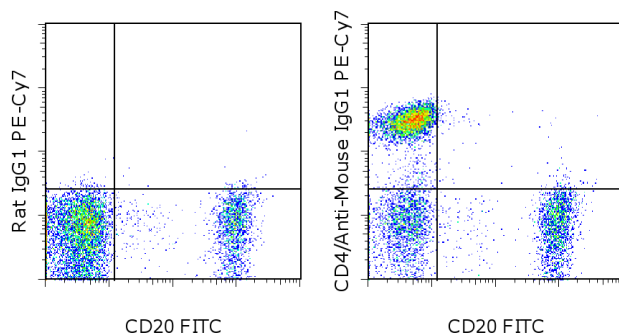


Anti-Mouse IgG1 PE-Cy7

Catalog Number: 25-4015

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



Staining of normal human peripheral blood cells with Anti-Human CD20 FITC (cat. 11-0209) and Anti-Human CD4 Purified (a mouse IgG1 isotype) (cat. 14-0049) followed by staining with 0.25 ug of Rat IgG1 K Isotype Control PE-Cy7 (cat. 25-4301) (left) or 0.25 ug of Anti-Mouse IgG1 PE-Cy7 (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse IgG1 PE-Cy7



Catalog Number: 25-4015

Clone: M1-14D12

Concentration: 0.2 mg/mL

Host/Isotype: Rat IgG

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. This tandem dye is sensitive to photo-induced oxidation. Protect this vial from light during storage, handling & experimental procedures.



Batch Code: Refer to vial



Use By: Refer to vial



Contains sodium azide



Description

The monoclonal antibody M1-14D12 recognizes Mouse IgG1 antibodies and can be used as a second step reagent in flow cytometry and microscopy. The monoclonal does not recognize other mouse isotypes nor does it crossreact to rat IgG1 or any rat isotype antibodies.

Applications Reported

This M1-14D12 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This M1-14D12 antibody has been tested by flow cytometric analysis of cells stained with a mouse IgG1 primary antibody. This can be used at less than or equal to 0.5 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.

Light sensitivity: This tandem dye is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 uL cell sample + 100 uL IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

Related Products

00-4222 Flow Cytometry Staining Buffer

11-0209 Anti-Human CD20 FITC (2H7)

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Anti-Mouse IgG1 PE-Cy7

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14-0049 Anti-Human CD4 Purified (RPA-T4)

25-4301 Rat IgG1 K Isotype Control PE-Cy7

Legal

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