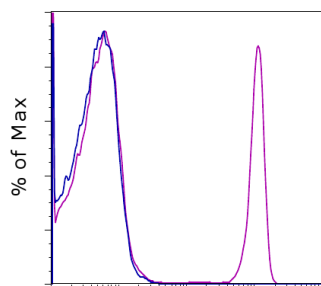


Anti-Mouse IgG1 PerCP-eFluor[®] 710

Catalog Number: 46-4015

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



Mouse IgG1 PerCP-eFluor 710

Staining of normal human peripheral blood cells with Anti-Human CD4 Purified (clone RPA-T4, a mouse IgG1, cat. 14-0049) or no primary antibody (blue histogram) followed by 0.125 ug of Anti-Mouse IgG1 PerCP-eFluor[®] 710 (purple histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse IgG1 PerCP-eFluor[®] 710

REF **Catalog Number:** 46-4015

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.

Batch Code: Refer to vial

Use By: Refer to vial



LOT



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 staining with a mouse IgG1 primary antibody. This 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

PerCP-eFluor[®] 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor[®] 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor[®] 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Click [here](#) or contact eBioscience Technical Support for more information on eFluor[™] Organic Dyes including PerCP-eFluor[®] 710.

Related Products

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

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