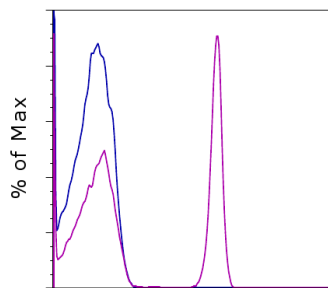


## Anti-Mouse IgG1 FITC

**Catalog Number:** 11-4015

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



CD4 Pu/Anti-Mouse IgG1 FITC

Staining of normal human peripheral blood cells with staining buffer (blue histogram) or Anti-Human CD4 Purified (RPA-T4, a mouse IgG1 antibody) (cat. 14-0049) (purple histogram) followed by 0.25 ug of Anti-Mouse IgG1 FITC. Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Mouse IgG1 FITC  
**Catalog Number:** 11-4015  
**Clone:** M1-14D12  
**Concentration:** 0.5 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  
**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, immunocytochemistry, and immunohistochemical staining of frozen and formalin-fixed paraffin embedded tissue sections.

### Applications Tested

This M1-14D12 antibody has been tested by flow cytometric analysis of normal human peripheral blood cell after staining with a primary antibody of the mouse IgG1 isotype. 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 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### Related Products

00-4222 Flow Cytometry Staining Buffer  
11-4011 Anti-Mouse IgG FITC  
14-0049 Anti-Human CD4 Purified (RPA-T4)  
14-4714 Mouse IgG1 K Isotype Control Purified (P3.6.2.8.1)

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