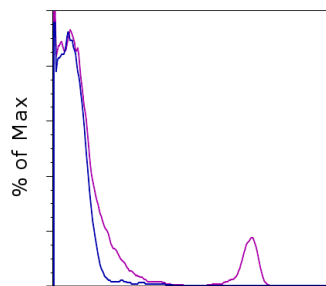


## Anti-Rat IgG2a PerCP-eFluor<sup>®</sup> 710

Catalog Number: 46-4817

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



CD8 Pur/Rat IgG2a PerCP-e710

Staining of BALB/c splenocytes with buffer (blue histogram) or Anti-Mouse CD8a Purified (clone 53-6.7, a rat IgG2a isotype) (cat. 14-0081) and subsequently with 0.03 ug of Anti-Rat IgG2a PerCP-eFluor<sup>®</sup> 710 (purple histogram). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Rat IgG2a PerCP-eFluor<sup>®</sup> 710

 **Catalog Number:** 46-4817

**Clone:** r2a-21B2

**Concentration:** 0.2 mg/mL

**Host/Isotype:** Mouse IgG1, kappa

**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 r2a-21B2 recognizes Rat IgG2a antibodies and can be used as a second step reagent in flow cytometry and microscopy. The monoclonal does not recognize other rat isotypes nor does it crossreact to mouse IgG2a or any mouse isotype antibodies.

### Applications Reported

This r2a-21B2 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

This r2a-21B2 antibody has been tested by flow cytometric analysis of mouse splenocytes staining with a primary antibody of the rat IgG2a isotype. This can be used at less than or equal to 0.06 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.

PerCP-eFluor<sup>®</sup> 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor<sup>®</sup> 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<sup>®</sup> 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<sup>™</sup> Organic Dyes including PerCP-eFluor<sup>®</sup> 710.

### Related Products

00-4222 Flow Cytometry Staining Buffer

14-0081 Anti-Mouse CD8a Purified (53-6.7)

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[info@ebioscience.com](mailto:info@ebioscience.com)

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## Anti-Rat IgG2a PerCP-eFluor® 710

**Catalog Number:** 46-4817

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46-4714 Mouse IgG1 K Isotype Control PerCP-eFluor® 710 (P3.6.2.8.1)

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