

## Product Information

Contents: Phycoerythrin (PE) anti-mouse IgA  
 Catalog Number: 12-4204  
 Sizes: 50 ug, 100 ug, 200 ug  
 Formulation: Phosphate buffer pH 7.2,  
 150 mM NaCl, 0.09% NaN<sub>3</sub>  
 Storage Conditions: Store at 4°C.  
 DO NOT FREEZE.  
 LIGHT-SENSITIVE MATERIAL.  
 Clone: mA-6E1  
 Isotype: Rat IgG1, κ

### Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-4204	Anti-Mouse IgA FITC	488 nm	518 nm	FC
12-4204	Anti-Mouse IgA PE	488 nm	575 nm	FC

### Flow Cytometry Product Notes:

Test Sizes: To accommodate multicolor flow cytometry, eBioscience is in the process of reducing test size volumes from 20 µl to 5 µl. Please check your antibody vial for the recommended test size.

Fluorochrome Replacements: eBioscience is in the process of replacing all Pacific Blue® and APC-Alexa Fluor® 750 conjugated products with eFluor™ 450 and APC-eFluor™ 780 conjugated products, respectively.

### Custom Product Requests

Need a custom product? Download the Custom Product Request Form and submit completed form to [customs@ebioscience.com](mailto:customs@ebioscience.com).

Questions? Please consult our answers to frequently asked questions at <http://www.ebioscience.com/faq>.

## Description

The mA-6E1 monoclonal antibody reacts with the heavy chain of mouse IgA. It does not react with other isotypes of antibody, including IgD, IgG or IgM, or with other species isotypes. IgA, which is mainly found as a dimer through association of the J chain, is found in mucous secretions, but not in plasma. Fluorochrome conjugated mA-6E1 is used as a detection secondary for mouse IgA primary antibodies.

## Applications Reported

For research use only, not for diagnostic or therapeutic use. This mA-6E1 antibody has been reported for use in flow cytometric analysis.

## Applications Tested

This mA-6E1 antibody has been tested by flow cytometric analysis as a second step to detect mouse IgA primary antibodies. This can be used at less than or equal to 0.125 µg per million cells in a 100 µl total staining volume. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

## Related Products

Cat. 12-4301 PE Rat IgG1 Isotype Control  
 Cat. 12-5994 PE anti-mouse IgA (clone 11-44-2)  
 Cat. 13-5994 Biotin anti-mouse IgA (clone 11-44-2)  
 Cat. 14-5994 Affinity Purified anti-mouse IgA (clone 11-44-2)

