

## Monoclonal Antibody to Mouse IgG2a (gamma 2a chain specific) - FITC

**Alternate names:** Mouse Immunoglobulin 2a

**Catalog No.:** AM08017FC-N

**Quantity:** 0.5 mg

**Concentration:** 0.5 mg/ml

**Host / Isotype:** Rat / IgG1

**Clone:** SB84a

**Format:** **State:** Liquid purified Ig fraction.  
**Buffer System:** PBS containing 0.09% Sodium Azide as preservative.  
**Label:** FITC – Fluorescein Isothiocyanate Isomer 1

**Applications:** **Flow Cytometry:**  $< / = 1 \mu\text{g}/10\text{e}6$  cells.  
Identification and enumeration of IgG2a+ cells.  
**Immunofluorescence Microscopy:** Identification and enumeration of IgG2a+ cells.  
Also used as a second step reagent for mouse IgG2a monoclonal antibodies.  
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:** This antibody reacts with the heavy chain of IgG2a.  
**Species:** Mouse.  
Other species not tested.

**Storage:** Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
This product is photosensitive and should be protected from light.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.

Pictures:

**Immunofluorescent Staining:** Human PBMC were incubated with either mouse IgG1 anti-CD3, mouse IgG2a anti-CD5, mouse IgG2b anti-CD22, or mouse IgG3 anti-IgD. After washing, the cells were then incubated with FITC-labeled rat anti-mouse IgG1. Small lymphocytes were gated and analyzed on a FACScan(TM) flow cytometer (BDIS, San Jose, CA). Amount Used: 1 µg/10e6 cells.

