

## Monoclonal Antibody to Mouse IgM (Mu chain specific) - PE

**Alternate names:** Immunoglobulin M mouse

**Catalog No.:** AM08015RP-S

**Quantity:** 0.1 mg

**Concentration:** 0.1 mg/ml

**Host / Isotype:** Rat / IgG1

**Clone:** 1B4B1

**Format:** **State:** Liquid purified Ig fraction.  
**Buffer System:** PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent.  
**Label:** PE – R-Phycoerythrin

**Applications:** **Flow Cytometry:**  $< / = 0.2 \mu\text{g}/10\text{e}6$  cells.  
Identification and enumeration of IgE+ cells.  
**Immunofluorescence Microscopy:** Identification and enumeration of IgE+ cells.  
Also used as a second step reagent for mouse IgM 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 Mu heavy chain of mouse IgM.  
**Species:** Mouse.  
Other species not tested.

**Storage:** Store the antibody undiluted at 2-8°C.  
**DO NOT FREEZE!**  
This product is photosensitive and should be protected from light.  
Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.

Pictures:

**Immunofluorescent Staining:** Cells from BALB/c spleen were double-stained with rat anti-Mouse IgM-PE (Cat#AM08015RP-N or AM08015RP-S) and Rat anti-Mouse CD19-FITC (Clone 6D5), following which small lymphocytes were gated and analyzed using a FACScan(TM) flow cytometer (BDIS, San Jose, CA). Amount Used: 0.3 µg/10e6 cells.

