

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

Alternate names: Immunoglobulin M mouse

Catalog No.: AM08015RP-N

Quantity: 0.2 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.

