

Purified Mouse IgG1 Isotype Control

Catalog No: #IC003

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Purified Mouse IgG1 Isotype Control
Clone No.	4AIB7.11
Isotype	Mouse IgG1
Applications	FC
Concentration	1 mg/ml
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Storage	Store at 4°C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Application Details

RECOMMENDED USAGE:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest.

Experimental Methods:

1. Take 100µl peripheral blood anticoagulated by EDTA and add to the bottom of 5ml tube; 2. Add appropriate amount of antibody to the bottom of flow tube mixing with the peripheral blood, incubate for 30 minutes at room temperature; 3. Add 2 ml 1× RBC lysis buffer, incubate for 10 minutes after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×); 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant; 5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant; 6. Add appropriate amount of fluorescent-labeled anti-mouse IgGs and incubate for 20 minutes away from light at room temperature. 7. Repeat step 5. 8. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured). [PBS wash buffer: PBS +1% FBS +0.1% NaN₃;] [Cell fixation: 2% formaldehyde solution]

Note: This product is for in vitro research use only