

Rat IgG2a Isotype Control-PE labeled

Catalog #	Source	Reactivity	Applications
CFF8274	Rat		IF, FC

Description Rat IgG2a Isotype Control-PE labeled can be used as an isotype control in flow cytometry and other applications.

Immunogen

Purification The antibody was purified by affinity chromatography.

Specificity

Clonality Monoclonal (clone: 2A3)

Conjugation PE

Form Rat IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

Dilution 10 µl / assay

Gene Symbol

Alternative Names

Entrez Gene

SwissProt

- Directions for Use**
1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube.
 2. Add 10 µl labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light.
 3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells.
 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant.
6. 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).

Storage/Stability

Shipped and store at 4°C for one year. Do not freeze.

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