

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 10-106: Rat IgG2a Isotype Control (Clone: 2A3)

Clonality: Monoclonal

Clone Name: 2A3

Application: IHC,FACS
Format: Purified
Isotype: Rat IgG2a

Immunogen Information: Trinitrophenol was used as the immunogen for this Isotype control.

## **Description**

A Rat isotype control is an antibody of the same class (isotype) of immunoglobulin as the specific Rat antibody, but is either myeloma-derived antibody of unknown specificity, or is raised against an antigen that is presumed not to be present on or in the cells under study. Isotype control antibodies are used for the estimation of non-specific binding of target primary antibodies to cell surface antigens.

## **Product Info**

**Amount :** 100 μg

Purification: Affinity Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

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Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

FACS: 0.5-2 µg/10^6 cells

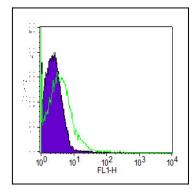


Fig.1: Cell Surface staining of splenocytes using 0.5 µgof Rat IgG2a isotype control. Goat anti-Rat FITC secondary antibody was used. Purple: cells alone, Green: rat IgG2a isotype control (10-106).