

Rat IgG2a Isotype Control

Rat IgG2a-PE

CATALOG # AAA78896	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

Rat IgG2a Isotype Control; Monoclonal Isotype Control; Rat IgG2a-PE; Rat IgG2a - Phycoerythrin-Labeled; Rat IgG2a Isotype Control isotype control

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	Rat IgG2a kappa
Clone Number	KLH/G2a-1-1
Specificity	Keyhole limpet hemocyanin (KLH)
Form/Format	R - phycoerythrin (R - PE) Conjugate
Applicable Applications for Rat IgG2a Isotype Control isotype control	FCM/FACS (Flow Cytometry), ELISA
Characterization	To insure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using immunofluorescence staining and analysis on a Becton Dickinson FACScan™ flow cytometer.
Preparation and Storage	The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of 100 mM borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8 degree C. The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL PBS/NaN₃. Store at 2-8 degree C. The Alexa Fluor 488 (AF488) and Alexa Fluor 647 (AF647) conjugates are supplied as 0.1mg in 0.2mL PBS/NaN₃. Store at 2-8 degree C. The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8 degree C. The R-phycoerythrin (R-PE) and allophycocyanin (APC) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8 degree C. Do not freeze! The Spectral Red (SPRD), R-phycoerythrin -Texas Red (R-PE-TXRD), R-phycoerythrin-Cyanine 5.5 (R-PE-CY 5.5), R-phycoerythrin-Cyanine 7 (R-PE-CY 7), Allophycocyanin-Cyanine 5.5 (APC-CY 5.5) and Allophycocyanin-Cyanine 7 (APC-CY 7) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8 degree C. Do not freeze! The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Aliquot and store at or below -20 degree C. The Cyanine 5 (CY 5) conjugate is supplied as 0.1 mg in 1.0 mL PBS/NaN₃. Store at 2-8 degree C. With the exception of the low endotoxin, azide-free product, the vials should be stored at 2-8 degree C. Conjugated forms should not be frozen and should be protected from prolonged exposure to light. Aliquot and freeze the low endotoxin, azide-free product at -20 degree C immediately upon receipt. Each reagent is stable for the period shown on the bottle label if stored as directed.

IMAGES

Flow Cytometry:	
Fluorescein conjugate	≤1 µg/10 ⁶ cells
Biotin conjugate	≤1 µg/10 ⁶ cells
R-phycoerythrin conjugate	≤0.2 µg/10 ⁶ cells
R-phycoerythrin conjugate-Texas Red®	≤0.2 µg/10 ⁶ cells
Allophycocyanin conjugate	≤0.2 µg/10 ⁶ cells
Spectral Red™ conjugate	≤0.2 µg/10 ⁶ cells
Cyanine 5 conjugate	≤0.2 µg/10 ⁶ cells
PE/CY5.5 and PE/CY7 conjugates	≤0.2 µg/10 ⁶ cells
APC/CY5.5 and APC/CY7 conjugates	≤0.2 µg/10 ⁶ cells
AF488 and AF647 conjugates	≤0.2 µg/10 ⁶ cells

Application Data
Working Dilution

ADDITIONAL INFORMATION

Product Categories/Family for Rat IgG2a Isotype Control isotype control	Rat IgG2a kappa Isotype Control
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/rat-igg2a-isotype-control-isotype-control-clone-klh-g2a-1-1-flow-cytometry-elisa/78896>