Rat IgG2a Isotype Control Isotype Control – Rat

PRODUCT OVERVIEW

Product Name	Rat IgG2a Isotype Control
Full Product Name	Rat IgG2a-UNLB
Product Synonym Names	Rat IgG2a - Purified, Unlabeled Antibody; Rat IgG2a Isotype Control
Isotype	Rat IgG2a kappa
Clone Number	KLH/G2a-1-1
Host	Rat
Form/Format	Purified (UNLB) Antibody
Specificity	Keyhole limpet hemocyanin (KLH)
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.
Warning	Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium Azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
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 FACScanTM flow cytometer.
Product Categories/Family for Rat IgG2a Isotype Control isotype control	Rat IgG2a kappa Isotype Control
Applications Tested/Suitable for Rat IgG2a Isotype Control isotype control	ELISA; Flow Cytometry

Application Notes for Rat IgG2a Isotype Control isotype control	**WORKING DILUTIONS** **Flow Cytometry** Flourescein, AF488, and PacBlu conjugates: < or = ug/10^6 cells Biotin conjugate: < or = ug/10^6 cells R-phycoerythrin conjugate: < or = 0.2 ug/10^6 cells R-phycoerythrin conjugate-Texas Red^(R): < or = 0.2 ug/10^6 cells Allophycocyanin conjugate: < or = 0.2 ug/10^6 cells Spectral Red^TM conjugate: < or = 0.2 ug/10^6 cells Cyanine 5 conjugate: < or = 0.2 ug/10^6 cells PE/CY5.5 and PE/CY7 conjugates: < or = 0.2 ug/10^6 cells APC/CY5.5 and APC/CY7 conjugates: < or = 0.2 ug/10^6 cells AF647 conjugate: < or = 0.2 ug/10^6 cells
Related Product Information for Rat IgG2a Isotype Control isotype control	MBS679088 is an isotype control targeting Rat IgG2a Isotype Control. Also known as Rat IgG2a-UNLB. Host: Rat.
Other Notes	Small volumes of Rat IgG2a Isotype Control isotype control vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

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