

IgG2a negative control

Rat IgG2a Negative Control

CATALOG # AAA50353	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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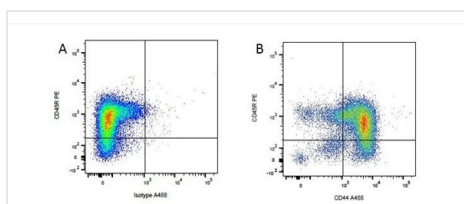
PRODUCT SYNONYMS

IgG2a; Rat IgG2a Negative Control; Rat IgG2a Negative Control antibody; IgG2a negative control

PRODUCT SPECIFICATIONS

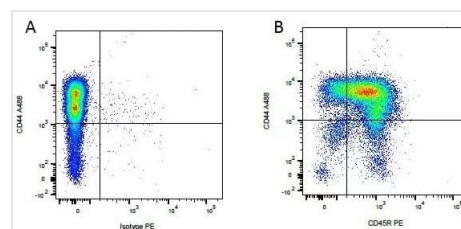
Host	Rat
Isotype	IgG2a
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Form/Format	Liquid; Phosphate Buffered Saline
Concentration	IgG concentration: 1.0 mg/ml (varies by lot)
Applicable Applications for IgG2a negative control	FCM/FACS (Flow Cytometry)
Immunogen	Trinitrophenol
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul
Target Species	Negative Control
Product Type	Negative/Isotype Control
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃)
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



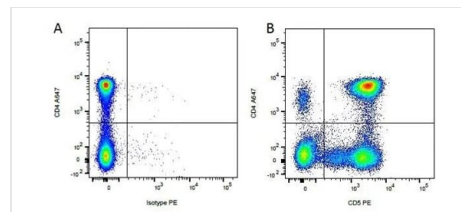
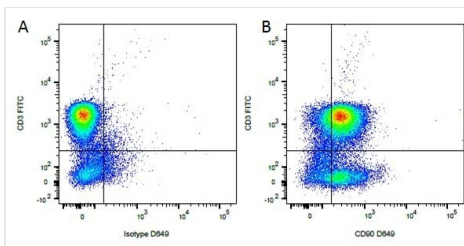
Application Data

Figure A. RPE conjugated Rat anti Canine CD45R and A488 conjugated Rat IgG1 isotype control . Figure B. RPE conjugated Rat anti Canine CD45R and A488 conjugated Rat anti Canine CD44 . All experiments performed on red cell lysed canine blood gated on mononuclear cells.



Application Data

Figure A. A488 conjugated Rat anti Canine CD44 and RPE conjugated Rat IgG2a isotype control . Figure B. A488 conjugated Rat anti Canine CD44 and RPE conjugated Rat anti Canine CD45R . All experiments performed on red cell lysed canine blood gated on mononuclear cells.



Application Data

Figure A. A647 conjugated Rat anti Canine CD4 and RPE conjugated Rat IgG2a isotype control . Figure B. A647 conjugated Rat anti Canine CD4 and RPE conjugated Rat anti Canine CD5 . All experiments performed on red cell lysed canine blood gated on mononuclear cells.

Application Data

Figure A. FITC conjugated Mouse anti Canine CD3 and purified Rat IgG2a isotype control detected with Goat anti Rat IgG2a DyLight 649 . Figure B. FITC conjugated Mouse anti Canine CD3 and purified Rat anti Canine CD90 detected with Goat anti Rat IgG2a DyLight 649 . All experiments performed on red cell lysed canine blood gated on mononuclear cells.

ADDITIONAL INFORMATION

Related Product Information for IgG2a negative control

Description: Rat IgG2a isotype control for measurement of non specific binding of rat monoclonal antibodies. This antibody recognizes trinitrophenol (TNP).

Rat IgG2a negative control, a rat monoclonal raised against trinitrophenol, is recommended for use as a negative control to assess the level of non-specific binding of rat IgG2a test antibodies to the surface of human and mouse cells in flow cytometry.

Test results have shown that this antibody is also suitable for use as a negative control with porcine and canine cells.

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.

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Online datasheet: <https://stage.aaabiotech.com/rat-negative-control/igg2a/50353>