

IgG1 negative control

Rat IgG1 Negative Control: Amethyst Orange

CATALOG # AAA50406	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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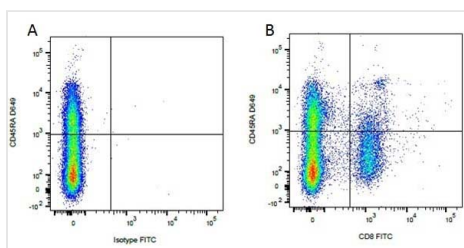
PRODUCT SYNONYMS

IgG1; Rat IgG1 Negative Control: Amethyst Orange; Rat IgG1 Negative Control antibody; IgG1 negative control

PRODUCT SPECIFICATIONS

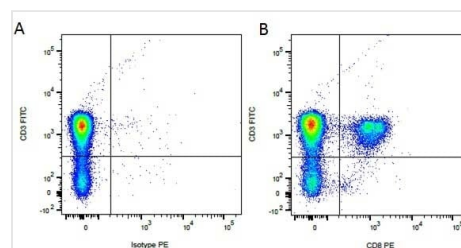
Host	Rat
Isotype	IgG1
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Form/Format	Purified IgG conjugated to Amethyst Orange - Liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Applicable Applications for IgG1 negative control	FCM/FACS (Flow Cytometry)
Immunogen	Horseradish peroxidase
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Buffer Solution	Phosphate Buffered Saline
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. This product contains a precipitate we recommend microcentrifugation before use.

IMAGES



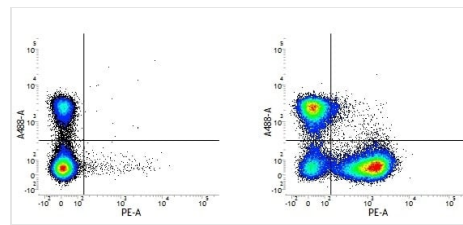
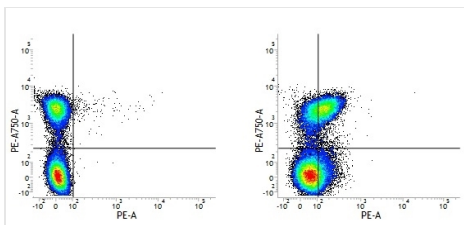
Application Data

Figure A. Purified Mouse anti Canine CD45RA detected with Goat anti Mouse IgG1 DyLight 649 and Rat IgG1 FITC isotype control . Figure B. Purified Mouse anti Canine CD45RA detected with Goat anti Mouse IgG1 PE and Rat anti Canine CD8 FITC . All experiments performed on red cell lysed canine blood gated on mononuclear cells.



Application Data

Figure A. FITC conjugated Mouse anti Canine CD3 and RPE conjugated Rat IgG1 isotype control . Figure B. FITC conjugated Mouse anti Canine CD3 and RPE conjugated Rat anti Canine CD8 . All experiments performed on red cell lysed canine blood gated on mononuclear cells.



Application Data

Figure A. PE-A750 tandem-conjugated Rat anti Mouse CD45R and RPE conjugated Rat IgG1 isotype control . Figure B. PE-A750 tandem-conjugated Rat anti Mouse CD45R and RPE conjugated Rat anti Mouse CD150 . All experiments performed on mouse splenocytes in the presence of murine SeroBlock .

Application Data

Figure A. A488 conjugated Hamster anti Mouse CD3 and RPE conjugated Rat IgG1 isotype control . Figure B. A488 conjugated Hamster anti Mouse CD3 and RPE conjugated Rat anti Mouse CD22 . All experiments performed on mouse splenocytes in the presence of murine SeroBlock .

ADDITIONAL INFORMATION

Related Product Information for IgG1 negative control

Rat IgG1 negative control, a rat monoclonal raised against horseradish peroxidase, is recommended for use as a negative control to assess the level of non-specific binding of rat IgG1 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.

Product Categories/Family for IgG1 negative control

Negative/Isotype Control

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/rat-negative-control/igg1/50406>