

IgG2a negative control

Mouse IgG2a Negative Control: Amethyst Orange

CATALOG # AAA12276	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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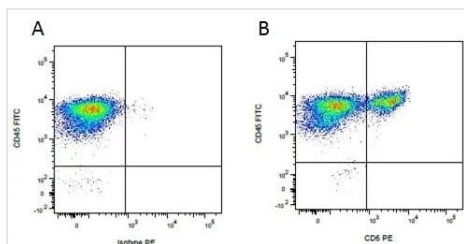
PRODUCT SYNONYMS

IgG2a; Mouse IgG2a Negative Control: Amethyst Orange; Mouse IgG2a Negative Control antibody; IgG2a negative control

PRODUCT SPECIFICATIONS

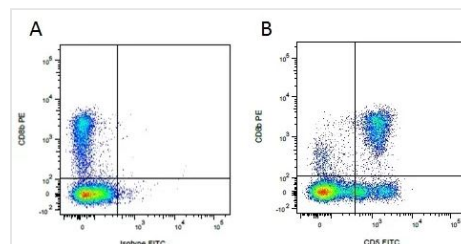
Host	Mouse
Isotype	IgG2a
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Form/Format	Purified IgG conjugated to Amethyst Orange - Liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Applicable Applications for IgG2a negative control	FCM/FACS (Flow Cytometry)
Application Notes	FC/FACS: Use 10ul of the suggested working dilution to label 106 cells in 100ul
Immunogen	Activated rat T-helper cells.
Buffer Solution	Phosphate Buffered Saline
Preservative Stabilizers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell line.
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. This product contains a precipitate we recommend microcentrifugation before use.

IMAGES



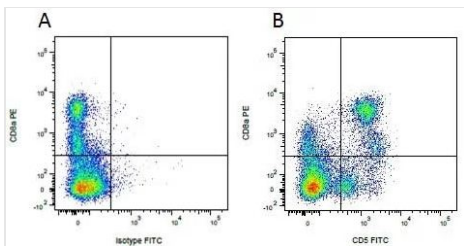
Application Data

Figure A. FITC conjugated Mouse anti Porcine CD45 and purified Mouse IgG2a isotype control detected with Goat anti Mouse IgG2a PE . Figure B. FITC conjugated Mouse anti Porcine CD45 and purified Mouse anti Porcine CD6 detected with Goat anti Mouse IgG2a . All experiments performed on red cell lysed porcine blood gated on mononuclear cells.



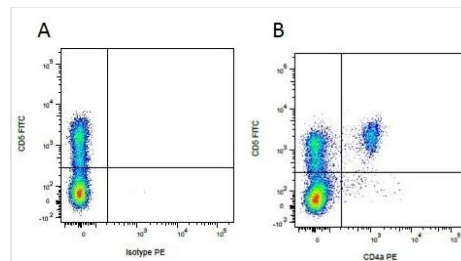
Application Data

Figure A. RPE conjugated Mouse anti Porcine CD8b and FITC conjugated mouse IgG2a isotype control . Figure B. RPE conjugated Mouse anti Porcine CD8b and FITC conjugated Mouse anti Porcine CD5 . All experiments performed on red cell lysed porcine blood gated on mononuclear cells.



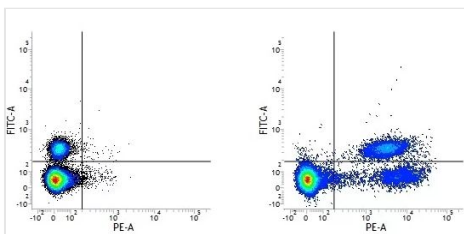
Application Data

Figure A. RPE conjugated Mouse anti Porcine CD8a and FITC conjugated Mouse IgG2a isotype control . Figure B. RPE conjugated Mouse anti Porcine CD8a and FITC conjugated Mouse anti Porcine CD5 . All experiments performed on red cell lysed porcine blood gated on mononuclear cells.



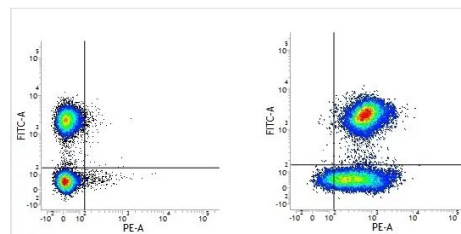
Application Data

Figure A. FITC conjugated Mouse anti Porcine CD5 and RPE conjugated Mouse IgG2a isotype control . Figure B. FITC conjugated Mouse anti Porcine CD5 and RPE conjugated Mouse anti Porcine CD4a . All experiments performed on red cell lysed porcine blood gated on mononuclear cells



Application Data

Figure A. FITC conjugated Mouse anti Human CD86 and RPE conjugated Mouse IgG2a isotype control . Figure B. FITC conjugated Mouse anti Human CD86 and RPE conjugated Mouse anti Human HLA DP/DQ/DR . All experiments performed on human Peripheral blood mononuclear cells in the presence of human SeroBlock .



Application Data

Figure A. FITC conjugated Mouse anti Human CD3 and RPE conjugated Mouse IgG2a isotype control . Figure B. FITC conjugated Mouse anti Human CD3 and RPE conjugated Mouse anti Human CD59 . All experiments performed on human Peripheral blood lymphocytes in the presence of human SeroBlock .

ADDITIONAL INFORMATION

Related Product Information for IgG2a negative control

Mouse IgG2a negative control antibody, clone OX-34 is suitable for use as a negative control reagent for the measurement of non-specific binding of mouse monoclonal antibodies of isotype IgG2a to human tissue. Clone MRC OX-34 recognises a rat cell surface marker, and therefore cannot be used as a negative control in this species.

This product is routinely tested in flow cytometry on rat splenocytes to confirm antibody activity and on human whole blood to test for suitability as a negative control.

Test results have shown that MCA929 is also suitable for use as a negative control with bovine, ovine, porcine, equine, canine, lapine and guinea-pig tissues.

This antibody may not be suitable for intracellular staining on some cell types.

Product Categories/Family for IgG2a 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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-negative-control/igg2a/12276>