

IgG1 negative control

Mouse IgG1 Negative Control: Amethyst Orange

CATALOG # AAA12275	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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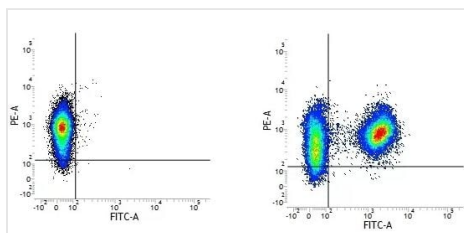
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

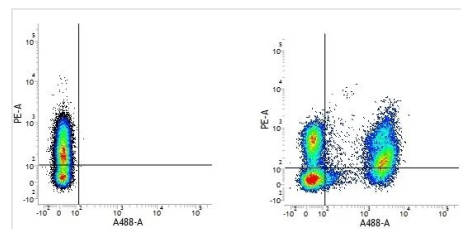
Host	Mouse
Isotype	IgG1
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Form/Format	Purified IgG conjugated to Amethyst Orange - Liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Applicable Applications for IgG1 negative control	FCM/FACS (Flow Cytometry)
Application Notes	FC/FACS: Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood
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. 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



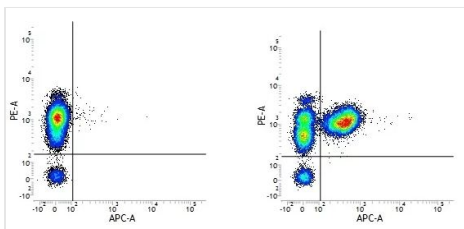
Application Data

Figure A. RPE conjugated Mouse anti Human CD59 and FITC conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Mouse anti Human CD59 and FITC conjugated Mouse anti Human CD3 . All experiments performed on human Peripheral blood lymphocytes in the presence of human SeroBlock .



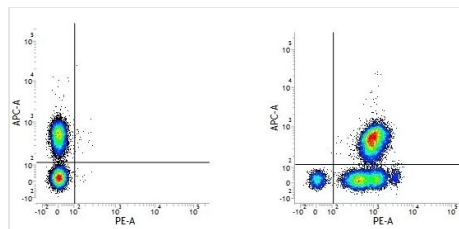
Application Data

Figure A. RPE conjugated Rat anti Human CD49f and A488 conjugated Mouse IgG1 control . Figure B. RPE conjugated Rat anti Human CD49f and A488 conjugated Mouse anti Human CD3 . All experiments performed on human Peripheral blood lymphocytes in the presence of human SeroBlock .



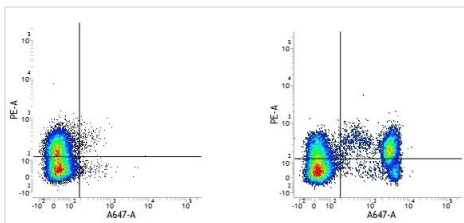
Application Data

Figure A. RPE conjugated Mouse anti Human CD46 and APC conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Mouse anti Human CD46 and APC conjugated Mouse anti Human CD3 . All experiments performed on human Peripheral blood lymphocytes in the presence of human SeroBlock .



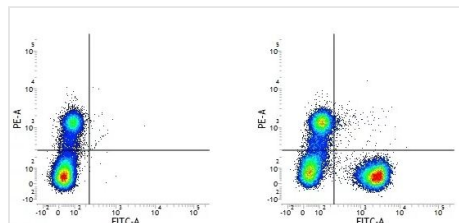
Application Data

Figure A. APC conjugated Mouse anti Human CD3 and RPE conjugated Mouse IgG1 isotype control . Figure B. APC conjugated Mouse anti Human CD3 and RPE conjugated Mouse anti Human CD46 . All experiments performed on human Peripheral blood lymphocytes in the presence of human SeroBlock .



Application Data

Figure A. RPE conjugated Rat anti Human CD28 and A647 conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Rat anti Human CD28 and A647 conjugated Mouse anti Human CD4 . All experiments performed on human Peripheral blood lymphocytes in the presence of human SeroBlock .



Application Data

Figure A. RPE conjugated Mouse anti Human CD18 and FITC conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Mouse anti Human CD18 and FITC conjugated Mouse anti Human CD3 . All experiments performed on human Peripheral blood mononuclear cells in the presence of human SeroBlock .

ADDITIONAL INFORMATION

Related Product Information for IgG1 negative control

Mouse IgG1 negative control is negative by flow cytometry on all human cells and cell lines tested. Further tests have also shown that this reagent is also suitable for use as a negative control with bovine (Maslanka et al, 2012), ovine, porcine (Kapetanovic et al, 2012), equine (Jacks et al, 2007), canine (Maiolini et al, 2012), lapine (Pakandl et al, 2008) and guinea-pig tissues.

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-negative-control/igg1/12275>