

Mouse IgG1 Monoclonal Antibody | anti-IgG1 antibody

Mouse IgG1-R-PE

CATALOG #	HOST	APPLICATIONS
AAA78185	Mouse	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

IgG1; Monoclonal Antibody; Mouse IgG1-R-PE; Monoclonal Mouse IgG1/R-PE; anti-IgG1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1k
Clone Number	MOPC31C
Form/Format	50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA.
Concentration	0.5 mg/ml (varies by lot)
Applicable Applications for anti-IgG1 antibody	FCM/FACS (Flow Cytometry)
Performance	Mouse IgG1/R-PE was tested as a negative control in Flow cytometry at 20 ug/ml. All cells tested failed to stain or display a significant mean shift above a buffer background. Cells tested: Human PBL, HPB-MLT, and Nalm-6.
Conjugation	PE
Production	Protein A purified antibody from tissue culture supernatant was conjugated to R-Phycoerythrin through a sulfo-ester linkage. Unconjugated antibody was removed using size exclusion chromatography.
Buffer	50 mM Sodium Phosphate pH 7.5, 500 mM Potassium Chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% NaN3 (as a preservative).
OD565/280 Ratio	2.87
Preparation and Storage	Store at 2 - 5 degree C. Do not freeze! Protect from light. Product should retain activity for at least 12 months after shipping date when stored as recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-IgG1 antibody	Information: Immunoglobulin expressed by the mouse plasmacytoma MOPC 31C is an IgG1??isotype of unknown specificity. It is used as a negative control when working with human cells.
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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/monoclonal/igg1-antibody-clone-mopc31c-flow-cytometry-elisa/78185>