

Rat anti-Mouse IgG2a Secondary Antibody, APC, eBioscience™

Product Details

Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG1, kappa
Class	Monoclonal
Type	Secondary Antibody
Clone	m2a-15F8
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2573207

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	0 Publication

Product Specific Information

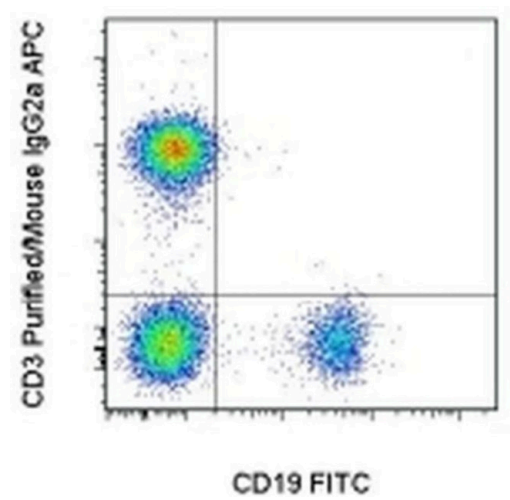
Description: The monoclonal antibody m2a-15F8 recognizes Mouse IgG2a antibodies and can be used as a second step reagent in flow cytometry and microscopy. The monoclonal does not recognize other mouse isotypes nor does it crossreact to rat IgG2a or any rat isotype antibodies.

Applications Reported: This m2a-15F8 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This m2a-15F8 antibody has been tested by flow cytometric analysis of cells stained with a mouse IgG2a primary antibody. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.



Mouse IgG2a Secondary Antibody (17-4210-82) in Flow
Staining of normal human peripheral blood cells with Anti-Human CD19 FITC (Product # 11-0199-42) and Anti-Human CD3 Purified (Product # 14-0037-82) followed by staining with Anti-Mouse IgG2a APC. Cells in the lymphocyte gate were used for analysis.

6 References

Selenocysteine substitutions in thiol radical enzymes. *Methods Enzymol* (2022)

Systems medicine dissection of chromosome 1q amplification reveals oncogenic regulatory circuits and informs targeted therapy in cancer *bioRxiv* (2021)

Phagocytes produce prostaglandin E2 in response to cytosolic *Listeria monocytogenes*. *PLoS Pathog* (2021)

Development of an Antigen-Antibody Co-Display System for Detecting Interaction of G-Protein-Coupled Receptors and Single-Chain Variable Fragments. *Int J Mol Sci* (2021)

Glycan-mediated enhancement of reovirus receptor binding. *Nat Commun* (2019)

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