

# Goat anti-Mouse IgG2a Fc gamma Cross-Adsorbed Secondary Antibody, APC

| Product Details         |                     |
|-------------------------|---------------------|
| Size                    | 150 µg              |
| Host/Isotype            | Goat / IgG          |
| Class                   | Polyclonal          |
| Type                    | Secondary Antibody  |
| Conjugate               | APC                 |
| Excitation/Emission Max | 651/660 nm          |
| Form                    | Lyophilized         |
| Concentration           | 0.5 mg/mL           |
| Storage conditions      | 4° C, do not freeze |
| RRID                    | AB_429726           |

| Applications                 | Tested Dilution | Publications |
|------------------------------|-----------------|--------------|
| Immunohistochemistry (IHC)   | Assay-dependent | -            |
| Immunocytochemistry (ICC/IF) | Assay-dependent | -            |
| Immunoprecipitation (IP)     | Assay-dependent | -            |

## Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

Product # 31983 is recommended for use in IF, ICC, IHC, IP and FACS applications.

Product # 31983 reacts with the heavy chains of mouse IgG2a, but not with the heavy chains of other mouse IgG subclasses or with light chains of most mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody does not react against mouse IgM, or against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, bovine, and rabbit serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Phycobiliprotein Concentration: 0.5 mg/mL (determined by absorption = 73 at 650 nm for a 1% solution

for only those APC molecules to which at least one molecule of active antibody is bound)

Allophycocyanin: Purified from *Spirulina platensis*

Absorption maxima: 650 nm

Emission maximum: 660 nm

Restoration and Storage: Store product at 4°C until opened. Restore with 0.30 mL distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. After dilution, do not use for more than one day. Do not freeze.

Country of Origin: USA

## 1 Reference

Hunger- and thirst-sensing neurons modulate a neuroendocrine network to coordinate sugar and water ingestion. *Elife* (2023)

R-SPONDIN2+ mesenchymal cells form the bud tip progenitor niche during human lung development. *Dev Cell* (2022)

A subset of octopaminergic neurons that promotes feeding initiation in *Drosophila melanogaster*. *PLoS One* (2018)

Chemical probes for analysis of carbonylated proteins: a review. *J Chromatogr B Analyt Technol Biomed Life Sci* (2011)

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