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# Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody

**Goat Polyclonal, ATTO 594**
**Catalog # ASR3246**

## Specification

### Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody - Product Information

| | |
|---|---|
| Description | **Anti-MOUSE IgG3 (Gamma 3 chain) (GOAT) Antibody ATTO 594 Conjugated (Min Cross Bv, Hu, and Rb Serum Proteins)** |
| Host | **Goat** |
| Conjugate | **ATTO 594** |
| FP Value | **3.0 moles ATTO 594 per mole of IgG** |
| Target Species | **Mouse** |
| Reactivity | **Mouse** |
| Clonality | **Polyclonal** |
| Application | **WB, IF, FC** |
| Application Note | **FLISA >1:20,000;IF Microscopy >1:5,000;FlowCytometry 1:500-1:2,500;Western Blot 1:4,000-1:20,000** |
| Physical State | **Lyophilized** |
| Host Isotype | **IgG** |
| Target Isotype | **IgG3** |
| Buffer | **0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2** |
| Immunogen | **Mouse IgG3 heavy chain** |
| Reconstitution Volume | **500 µL** |
| Reconstitution Buffer | **Restore with deionized water (or equivalent)** |
| Stabilizer | **10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free** |
| Preservative | **0.01% (w/v) Sodium Azide** |

### Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody - Additional Information

**Shipping Condition**
Ambient

**Purity**
Anti-MOUSE IgG3 (Gamma 3 chain) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse Serum and Mouse IgG3. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal.

**Storage Condition**
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**
This product is for research use only and is not intended for therapeutic or diagnostic applications.

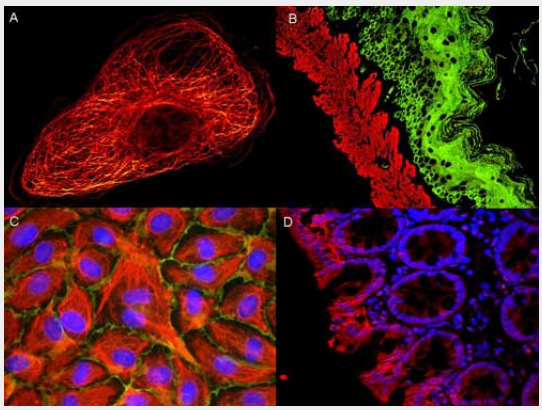
## Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody - Protein Information

## Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody - Images




ATTO ® dyes can be used for multicolor immunofluorescent detection with low background and high signal. Examples shown are: A. Tubulin in PtK2- male Rat Kangaroo Kidney Epithelial Cells was detected using ATTO 532 labeled secondary antibody. B. Muscle alpha-actin was stained with a mouse primary antibody and ATTO 488 anti-mouse IgG (green) while Cytokeratin was stained with polyclonal rabbit anti-cytokeratin and ATTO 647N anti-rabbit IgG (red). C. HUVEC (Human umbilical vein endothelial cells were stained with anti- Vimentin-ATTO 532 (green), anti-E-Cadherin-ATTO 655 (red) and DAPI (blue). D. Rat colon sections were stained with Anti-Aquaporin 3-ATTO 594 antibody. Hoechst 33342 (blue) is used as counterstain. Images provided courtesy of Dr. Jörg Reichwein, ATTO-TEC GmbH

## Anti-MOUSE IgG3 (ATTO 594 Conjugated) Pre-adsorbed Secondary Antibody - Background

Mouse IgG3 secondary antibody is available in a variety of formats. ATTO dye conjugates are designed for STED microscopy, FRET, immunofluorescence microscopy, fluorescence based plate

assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.