

**Anti-Goat IgG (H&L) (ATTO 594 Conjugated) Pre-Adsorbed Secondary Antibody**  
**Rabbit Polyclonal, ATTO 594**  
**Catalog # ASR1144****Specification****Anti-Goat IgG (H&L) (ATTO 594 Conjugated) Pre-Adsorbed Secondary Antibody - Product Information**

Description	<b>Anti-GOAT IgG (H&amp;L) (RABBIT) Antibody</b> <b>ATTO 594 Conjugated (Min X Hu, Ms, Rb</b> <b>Serum Proteins)</b>
Host	<b>Rabbit</b>
Conjugate	<b>ATTO 594</b>
FP Value	<b>3.2 moles ATTO 594 per mole of IgG</b>
Target Species	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Application	<b>,1,3,</b>
Application Note	<b>FLISA &gt;1:20,000;IF Microscopy</b> <b>&gt;1:5,000;Western Blot &gt;1:10,000</b>
Physical State	<b>Lyophilized</b>
Host Isotype	<b>IgG</b>
Target Isotype	<b>IgG (H&amp;L)</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M</b> <b>Sodium Chloride, pH 7.2</b>
Immunogen	<b>Goat IgG whole molecule</b>
Reconstitution Volume	<b>100 µL</b>
Reconstitution Buffer	<b>Restore with deionized water (or</b> <b>equivalent)</b>
Stabilizer	<b>10 mg/mL Bovine Serum Albumin (BSA) -</b> <b>Immunoglobulin and Protease free</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**Anti-Goat IgG (H&L) (ATTO 594 Conjugated) Pre-Adsorbed Secondary Antibody - Additional Information****Shipping Condition**

Ambient

**Purity**

Goat IgG (H&L) Antibody ATTO 594 was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG 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-Rabbit Serum, Goat IgG and Goat Serum. No reaction was observed against Human, Mouse or Rabbit Serum Proteins. This antibody will react with heavy chains of Goat IgG and with light chains of most Goat immunoglobulins.

**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.

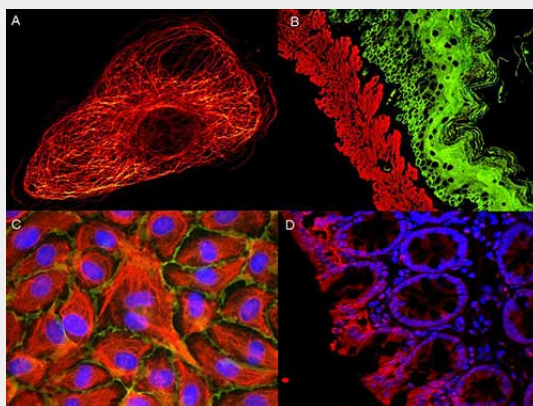
**Precautions Note**

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

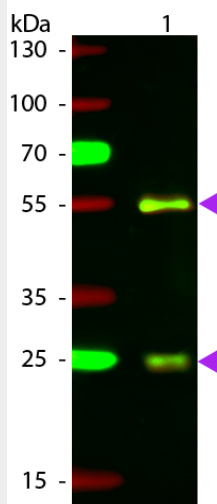
**Anti-Goat IgG (H&L) (ATTO 594 Conjugated) Pre-Adsorbed Secondary Antibody - Protein Information****Anti-Goat IgG (H&L) (ATTO 594 Conjugated) Pre-Adsorbed Secondary Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Goat IgG (H&L) (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



Western Blot of Atto 594 Conjugated Rabbit Anti-Goat IgG Pre-Absorbed Secondary Antibody. Lane 1: Goat IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Atto 594 rabbit secondary antibody at 1:1,000 in MB-070 for 60 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 28 & 55 kDa, 28 & 55 kDa for Goat IgG. Other band(s): None.

#### **Anti-Goat IgG (H&L) (ATTO 594 Conjugated) Pre-Adsorbed Secondary Antibody - Background**

Anti-Goat IgG (H&L) conjugated by ATTO 594 is 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.