

**PRODUCT DATA SHEET**

**Goat Anti-Mouse IgG, DyLight™ 594  
Conjugated Highly Cross-adsorbed**

**Product Number:** 35511

**Lot Number:** \*\*\*\*\*

**Description:** Goat Anti-Mouse IgG, DyLight™ 594 Conjugated Highly Cross-adsorbed

**Antibody Preparation:** This antibody has been isolated from antisera by immunoaffinity chromatography using antigen coupled to agarose beads.

**Form:** Goat Anti-Mouse IgG, DyLight™ 594 Conjugated Highly Cross-adsorbed is supplied as a magenta-pink liquid at a concentration of 1 mg/ml in 0.1 M sodium phosphate, 0.15 M sodium chloride, pH 7.2, 0.02% sodium azide.

**Volume:** 0.5 ml

**Concentration:** 1 mg/ml

**Specificity:** This antibody reacts with heavy chains of mouse IgG and with light chains of most mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The conjugated antibody has been tested on IgG-coated plate assay and did not show any cross-reaction with immunoglobulins from other species (Human, Bovine, Horse, Rabbit, Swine, Goat,). Minimal cross reaction with Rat.

**Application Notes:** The Goat Anti-Mouse IgG, DyLight™ 594 Conjugated Highly Cross-adsorbed can be used in immunofluorescence microscopy, fluorescence plate-based assays, flow cytometry, immunohistochemistry and is suitable for multiplex labeling experiments.

**Suggested working dilutions of Goat Anti-Mouse, DyLight™ 594 for use in these assays:**

<b>Immunofluorescence:</b>	1:200-1:1000
<b>Immunohistochemistry:</b>	1:200-1:1000
<b>Fluorescence based plate assays:</b>	1:100-1:500
<b>Flow Cytometry:</b>	Not tested
<b>Western blotting:</b>	Not tested

**Instrumentation Compatibility:**

The emission spectra for DyLight™ 594 conjugate match the principal output wavelengths of most common fluorescence instrumentation.

**Mole Dye/Mole Protein Ratio:** \*\*\*\*\*

**Excitation and Emission Values**

<b>Excitation (nm)</b>	<b>Emission (nm)</b>
593 (in PBS)	618 (in PBS)

**Stability:** One year from date of product receipt.

**Storage:** Store at 4°C.

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