

## Goat Anti-Mouse IgG (H+L) Antibody, DyLight® 594



Scientists Helping Scientists™ | [WWW.STEMCELL.COM](http://WWW.STEMCELL.COM)

TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

[INFO@STEMCELL.COM](mailto:INFO@STEMCELL.COM) • [TECHSUPPORT@STEMCELL.COM](mailto:TECHSUPPORT@STEMCELL.COM)

FOR GLOBAL CONTACT DETAILS VISIT OUR WEBSITE

## Antibodies

Goat polyclonal antibody against  
Mouse IgG (H+L), DyLight® 594-  
conjugated

Catalog #10209

1 mL 1 mg/mL

FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.

## Product Description

The DyLight® 594 dye-conjugated goat anti-mouse IgG (H+L) antibody reacts with the heavy chains of mouse IgG and with the light chains common to most mouse immunoglobulins, but does not react against non-immunoglobulin serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

|                      |                        |
|----------------------|------------------------|
| Target Antigen Name: | IgG (H+L)              |
| Alternative Names:   | Immunoglobulin G       |
| Gene ID:             | Not applicable         |
| Species Reactivity:  | Mouse                  |
| Host Species:        | Goat                   |
| Clonality:           | Polyclonal             |
| Clone:               | Not applicable         |
| Isotype:             | Not applicable         |
| Immunogen:           | Mouse immunoglobulin G |
| Conjugate:           | DyLight® 594           |

## Applications

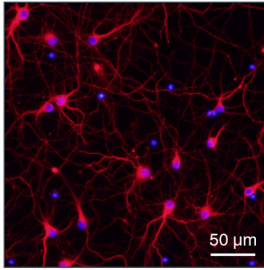
|                       |   |
|-----------------------|---|
| Verified:             | ICC, IF   |
| Reported:             | ELISA, FC, ICC, IF, IHC, IP, WB   |
| Special Applications: | This antibody has been verified for immunofluorescence staining of cells cultured using the NeuroCult™ SM1 Neuronal Culture Kit (Catalog #05712). |

Abbreviations: CellSep: Cell separation; ChIP: Chromatin immunoprecipitation; FA: Functional assay; FC: Flow cytometry; ICC: Immunocytochemistry; IF: Immunofluorescence microscopy; IHC: Immunohistochemistry; IP: Immunoprecipitation; WB: Western blotting

## Properties

|                        |   |
|------------------------|---|
| Formulation:           | Phosphate-buffered solution, pH 7.2, containing 0.02% sodium azide and 1% (w/v) bovine serum albumin  |
| Purification:          | The antibody was purified by antigen affinity chromatography.   |
| Stability and Storage: | Product stable at 2 - 8°C for 12 months from date of receipt. Protect product from prolonged exposure to light. To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol. Store this dilution at -20°C. For product expiry date, please contact <a href="mailto:techsupport@stemcell.com">techsupport@stemcell.com</a> . |
| Directions for Use:    | Centrifuge tube briefly to ensure recovery of entire contents.<br>For immunofluorescence it is suggested that dilutions of 1:200 - 1:2000 (5 µg/mL - 0.5 µg/mL) be tested. It is recommended that this antibody be titrated for optimal performance in each application.  |

## Data



Primary E18 rat cortical neurons were cultured using the NeuroCult™ SM1 Neuronal Culture Kit on poly-D-lysine-coated cover slips and stained with mouse anti-β-tubulin III antibody followed by goat anti-mouse IgG, DyLight® 594. The cells were counter-stained with DAPI.

## Related Products

For a complete list of antibodies, including other conjugates, sizes and clones, as well as related products available from STEMCELL Technologies, please visit our website at [www.stemcell.com/antibodies](http://www.stemcell.com/antibodies) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

Copyright © 2013 by STEMCELL Technologies Inc. All rights reserved including graphics and images. STEMCELL Technologies & Design, STEMCELL Shield Design, Scientists Helping Scientists, and NeuroCult are trademarks of STEMCELL Technologies Inc. DyLight is a registered trademark of Thermo-Fisher Scientific Inc.

STEMCELL TECHNOLOGIES INC.'S QUALITY MANAGEMENT SYSTEM IS CERTIFIED TO ISO 13485 MEDICAL DEVICE STANDARDS.