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

Antibodies

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

Catalog #10209

1 mL 1 mg/mL

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 techsupport@stemcell.com.

Directions for Use: Centrifuge tube briefly to ensure recovery of entire contents.
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.
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 or contact us at techsupport@stemcell.com.

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