

# Mouse IgG-heavy and light chain cross-adsorbed Antibody

Goat Polyclonal

Conjugate Cy5®

Antigen Affinity Purified

Catalog No. A90-516C5

Lot No. A90-516C5-10



|                              |   |
|------------------------------|---|
| <b>APPLICATIONS</b>          | IHC, ICC, F, IF   |
| <b>SPECIES REACTIVITY</b>    | Mouse. Minimum reactivity to bovine, chicken, horse, human, pig, rabbit and rat   |
| <b>ISOTYPE</b>               | IgG   |
| <b>AMOUNT</b>                | 1 ml at 0.5 mg/ml   |
| <b>STORAGE/SHELF LIFE</b>    | 2 - 8° C / 1 year from date of receipt  |
| <b>PHYSICAL STATE</b>        | Liquid  |
| <b>FLUOROPHORE/PROTEIN</b>   | 4.7   |
| <b>BUFFER</b>                | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide  |
| <b>ORIGIN</b>                | USA   |
| <b>PRODUCTION PROCEDURES</b> | Antiserum was cross adsorbed using bovine, chicken, horse, human, pig rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to Cy5™. |

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to bovine, chicken, horse, human, pig, rabbit and rat IgG was detected. This antibody may cross react with IgG from other species..

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

|                      |              |
|----------------------|--------------|
| Immunohistochemistry | 1:50 - 1:500 |
| Immunocytochemistry  | 1:50 - 1:500 |
| Flow Cytometry       | 1:50 - 1:200 |
| Immunofluorescence   | 1:50 - 1:500 |

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

Cy5® is excited at 649 and emits at 670.

Cy® and CyDye® are registered trademarks of GE Healthcare.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A90-516C5>  
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: February 18, 2019

