

Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody

Goat Polyclonal Conjugate DyLight® 594

Antigen Affinity Purified

Catalog No. A90-516D4

Lot No. A90-516D4-14

| | |
|------------------------------|---|
| APPLICATIONS | IHC, ICC, Flow Cyt, IF |
| SPECIES REACTIVITY | Mouse. Minimum reactivity to bovine, chicken, horse, human, pig, rabbit and rat |
| AMOUNT | 1 ml |
| CONCENTRATION | 0.5 mg/ml |
| STORAGE/SHELF LIFE | 2 – 8°C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide |
| FLUOROPHORE/PROTEIN | 6.5 |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | 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 DyLight® 594. |

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 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.

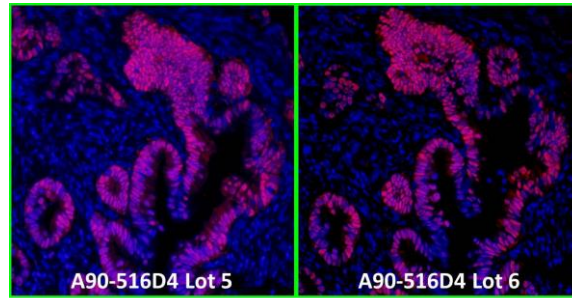
DyLight® 594 is excited at 593 (in PBS) and emits at 618 (in PBS).

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO <https://www.fortislife.com/p/A90-516D4>

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.
Michael Spencer, PhD Date: December 22, 2022

**Detection of human p53 by immunofluorescence.**

Samples: FFPE serial sections of human stomach carcinoma. *Primary Antibody:* mouse anti-p53 (clone DO-1) used at a dilution of 1:100. *Secondary Antibody:* Red-fluorescent goat anti-mouse IgG-heavy and light chain cross-adsorbed Antibody DyLight® 594 Conjugated (A90-516D4 Lot 5 and Lot 6) used at a dilution of 1:100 (5 µg/ml). *Counterstain:* DAPI (blue)