Mouse IgG Heavy and Light Chain Antibody



| | LABORATORIES, INC. LIFE SCIENCES |
|------------------------------------|--|
| F(ab')2 Goat Polyclona | I Conjugate DyLight [®] 488 |
| Antigen Affinity Purifie | |
| Catalog No. A90-1 Lot No. A90-1 | 38D2 38D2-5 |
| | |
| | IHC, ICC, F, IF |
| SPECIES REACTIVITY | Mouse |
| | 1 ml |
| | 0.5 mg/ml |
| STORAGE/SHELF LIFE | 2 - 8°C / 1 year from date of receipt |
| PHYSICAL STATE BUFFER | Liquid Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide |
| FLUOROPHORE/PROTEIN | |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION | The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled |
| PROCEDURES | to agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to DyLight [®] 488. |
| | 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. 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® 488 is excited at 493 (in PBS) and emits at 518 (in PBS). |
| | DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| ADDITIONAL INFO | https://www.bethyl.com/product/A90-138D2 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: April 27, 2022

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