

# Mouse IgG-heavy and light chain Antibody

F(ab')<sub>2</sub> Goat Polyclonal                      Conjugate    DyLight® 550  
Antigen Affinity Purified  
Catalog No.    A90-138D3  
Lot No.            A90-138D3-3



<b>APPLICATIONS</b>	IHC, ICC, F, IF
<b>SPECIES REACTIVITY</b>	Mouse
<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>	5.9
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') <sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to DyLight® 550.

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® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.

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

**ADDITIONAL INFO**                <https://www.bethyl.com/product/A90-138D3>  
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: December 3, 2018

