

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

Rabbit Polyclonal  
Antigen Affinity Purified  
Catalog No. A90-317D3  
Lot No. A90-317D3-8

Conjugate DyLight® 550



<b>APPLICATIONS</b>	IHC, ICC, F, IF
<b>SPECIES REACTIVITY</b>	Mouse. Minimum reactivity to human and rat
<b>AMOUNT</b>	1 ml
<b>CONCENTRATION</b>	0.5 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
<b>FLUOROPHORE/PROTEIN</b>	4.6
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antiserum was cross adsorbed using human 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® 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. Less than 1% cross reactivity to human 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.

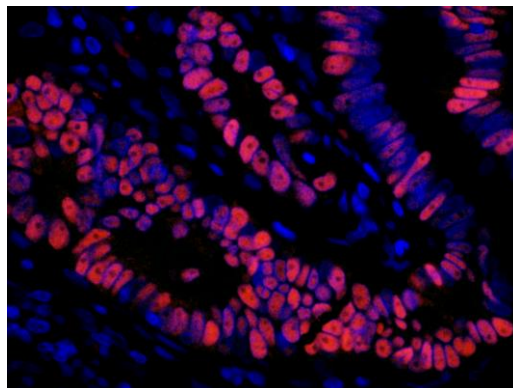
- Immunohistochemistry 1:50 – 1:500
- Immunocytochemistry 1:50 – 1:500
- Flow Cytometry 1:50 – 1:200
- Immunofluorescence 1:50 – 1:500

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

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

**ADDITIONAL INFO** DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  
<https://www.bethyl.com/product/A90-317D3>  
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.  
Brian McWilliams, PhD Date: November 16, 2020



**Detection of human p53 by immunofluorescence.** *Sample:* FFPE section of human breast carcinoma. *Primary Antibody:* mouse anti-p53 (clone DO-1) used at a dilution of 1:100. *Secondary Antibody:* Red-fluorescent Rabbit anti-mouse IgG-heavy and light chain cross-adsorbed Antibody DyLight® 550 Conjugated (A90-317D3 Lot 3) used at a dilution of 1:100 (5µg/ml). *Counterstain:* DAPI (blue)