

Mouse IgG–Fc Fragment Antibody

Goat Polyclonal
Antigen Affinity Purified
Catalog No. A90–131D3
Lot No. A90–131D3–5
Conjugate DyLight® 550



APPLICATIONS	IHC, ICC, F, IF
SPECIES REACTIVITY	Mouse
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	6.1
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.

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

By immunoelectrophoresis and ELISA this antibody reacts specifically with Mouse IgG–Fc Fragment. Cross reactivity with IgA and IgM is negligible. 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.

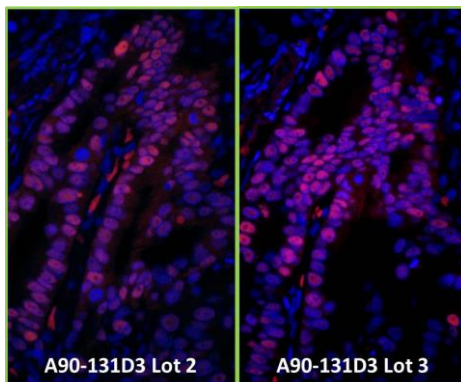
Immunohistochemistry	1:50 – 1:500
Immunocytochemistry	1:50 – 1:500
Flow Cytometry	1:50 – 1:200
Immunofluorescence	1:50 – 1:500

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/A90-131D3>
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: June 12, 2020

**Detection of human p53 by immunofluorescence.**

Samples: FFPE 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-Fc Fragment Antibody DyLight® 550 Conjugated (A90-131D3 Lot 2 and Lot 3) used at a dilution of 1:100 (5µg/ml). *Counterstain:* DAPI (blue)