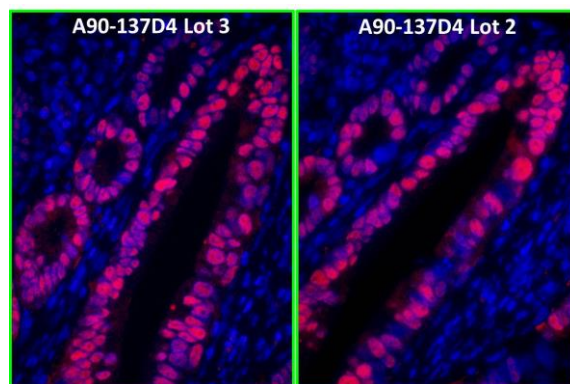


BETHYL | **FORTIS**
LABORATORIES, INC. | LIFE SCIENCES

APPLICATIONS	IHC, ICC, Flow Cyt, 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	5.9								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 594. Prior to conjugation, immunoglobulin concentration was determined using Beer’s Law where 1mg/mL IgG has an A280 of 1.4. 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. <table><tr><td>Immunohistochemistry</td><td>1:40 – 1:400</td></tr><tr><td>Immunocytochemistry</td><td>1:40 – 1:400</td></tr><tr><td>Flow Cytometry</td><td>1:50 – 1:200</td></tr><tr><td>Immunofluorescence</td><td>1:40 – 1:400</td></tr></table>	Immunohistochemistry	1:40 – 1:400	Immunocytochemistry	1:40 – 1:400	Flow Cytometry	1:50 – 1:200	Immunofluorescence	1:40 – 1:400
Immunohistochemistry	1:40 – 1:400								
Immunocytochemistry	1:40 – 1:400								
Flow Cytometry	1:50 – 1:200								
Immunofluorescence	1:40 – 1:400								
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).								
ADDITIONAL INFO	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A90-137D4 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: June 18, 2025

**Detection of human p53 by immunofluorescence.**

Sample: 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 donkey anti-mouse IgG-heavy and light chain Antibody DyLight® 594 Conjugated (A90-137D4 Lot 3) used at a dilution of 1:100 (5µg/ml). *Counterstain:* DAPI (blue)