

Mouse IgG Heavy and Light Chain Antibody

Donkey Polyclonal Conjugate DyLight® 550

Antigen Affinity Purified

Catalog No. A90-137D3

Lot No. A90-137D3-13

APPLICATIONS	IHC, ICC, F, IF
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	6.7
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. 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.

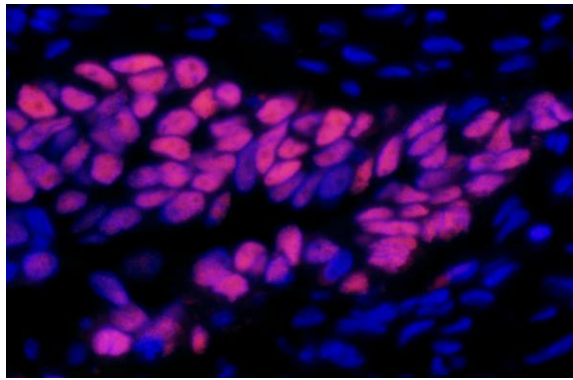
DyLight® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.

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

<https://www.bethyl.com/product/A90-137D3>

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: November 19, 2021



Detection of human p53 by immunofluorescence. *Sample:* FFPE section of human ovarian 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® 550 Conjugated (A90-137D3 Lot 5) used at a dilution of 1:100 (5µg/ml). *Counterstain:* DAPI (blue)