Mouse IgG-Fc Fragment cross-adsorbed Antibody

F(ab')2 Goat Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A90–239D2

Lot No. A90–239D2–9

APPLICATIONS

Lot No. A90-239D2-9

SPECIES REACTIVITY Mouse. Minimum reactivity to human and rat

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 6.2 ISOTYPE IgG ORIGIN USA

PRODUCTIONAntiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross **PROCEDURES**Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross
adsorbed using human and rat immunosorbents to remove cross reactive antibodies. The

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. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to DyLight® 488.

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. Cross reactivity with IgA and IgM is negligible. 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 1:40 – 1:400

Immunocytochemistry 1:40 – 1:500

Flow Cytometry 1:50 – 1:200

Immunofluorescence 1:40 - 1:500

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

DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).

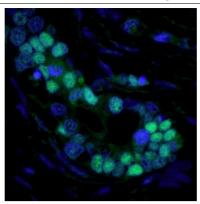
DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO https://www.bethyl.com/product/A90-239D2

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: July 17, 2020





Detection of human p53 by immunofluorescence. Sample: FFPE serial section of human ovarian carcinoma. Primary Antibody: mouse anti-p53 (Clone DO-1) used at a dilution of 1:100. Secondary Antibody: Green-fluorescent F(ab')2 goat anti-mouse IgG-Fc Fragment cross-adsorbed Antibody DyLight® 488 Conjugated (A90-239D2 Lot 4) used at a dilution of 1:50 (10μg/ml). Counterstain: DAPI (blue)