

Goat IgG-heavy and light chain Antibody

Donkey Polyclonal Conjugate DyLight® 594
Antigen Affinity Purified
Catalog No. A50-101D4
Lot No. A50-101D4-7



APPLICATIONS	IHC, ICC, F, IF
SPECIES REACTIVITY	Goat
ISOTYPE	IgG
AMOUNT	1 ml at 0.5 mg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
FLUOROPHORE/PROTEIN	5.3
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 594.

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 goat IgG and with light chains common to other goat 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.

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® 594 is excited at 593 (in PBS) and emits at 618 (in PBS).

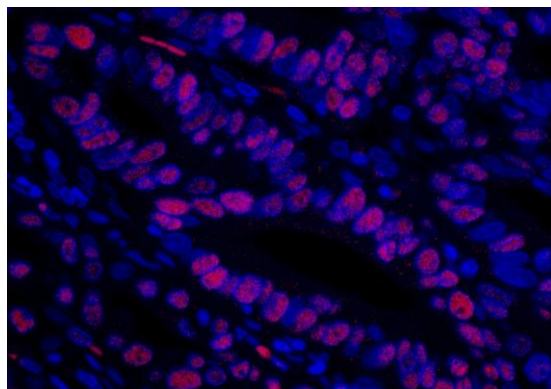
DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO <https://www.bethyl.com/product/A50-101D4>
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: December 3, 2018

**Detection of human MCM3 by immunofluorescence.**

Sample: FFPE section of human stomach carcinoma. *Primary Antibody:* Affinity purified goat anti-MCM3 (Cat. No. IHC-00037 Lot1) used at a dilution of 1:100. *Secondary Antibody:* Red-fluorescent donkey anti-goat IgG-heavy and light chain Antibody DyLight® 594 Conjugated (A50-101D4 Lot4) used at a dilution of 1:100 (5µg/ml). *Counterstain:* DAPI (blue)