Human IgG-Fc Fragment Antibody

F(ab')2 Goat Polyclonal Conjugate DyLight® 594

Antigen Affinity Purified

Catalog No. A80-248D4

Lot No. A80-248D4-6

APPLICATIONS IHC, ICC, F, IF

SPECIES REACTIVITY Human. Minimum reactivity to mouse and rat

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

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 mouse and rat immunosorbents to remove cross reactive antibodies. The

antibody to human 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® 594.

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 human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to mouse 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 1:50 – 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/A80-248D4

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: October 7, 2020

