

# Goat IgG–Fc Fragment cross-adsorbed Antibody

Rabbit Polyclonal  
Antigen Affinity Purified  
Catalog No. A50-204D3  
Lot No. A50-204D3-2

Conjugate DyLight® 550



**APPLICATIONS** IHC, ICC, F, IF  
**SPECIES REACTIVITY** Goat. Minimum reactivity to chicken, horse, human, mouse, pig and rat  
**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** 4.2  
**BUFFER** Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide  
**ORIGIN** USA  
**PRODUCTION PROCEDURES** Antiserum was cross adsorbed using chicken, horse, human, mouse, pig and rat immunosorbents to remove cross reactive antibodies. The antibody to goat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.

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 Goat IgG–Fc Fragment. Less than 0.1% cross reactivity to chicken, horse, human, mouse, pig 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® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.

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

**ADDITIONAL INFO** <https://www.bethyl.com/product/A50-204D3>  
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

