

# Rat IgG–Fc Fragment cross-adsorbed Antibody

Goat Polyclonal  
Antigen Affinity Purified  
Conjugate DyLight® 550  
Catalog No. A110–236D3  
Lot No. A110–236D3–5



**APPLICATIONS** IHC, ICC, F, IF  
**SPECIES REACTIVITY** Rat. Minimum reactivity to human and mouse  
**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** 5.2  
**BUFFER** Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide  
**ORIGIN** USA  
**PRODUCTION PROCEDURES** Antiserum was cross adsorbed using human and mouse immunosorbents to remove cross reactive antibodies. Antiserum was solid phase adsorbed to ensure class specificity. The antibody to rat 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 rat IgG. No antibody was detected against IgA, IgM or non-immunoglobulin serum proteins. Less than 2% cross reactivity to human and mouse 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.

A

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