## Rat IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclonal Conjugate DyLight® 650

Antigen Affinity Purified

Catalog No. A110-322D5 Lot No. A110-322D5-1

**APPLICATIONS** IHC, ICC, F, IF

SPECIES REACTIVITY Rat. Minimum reactivity to bovine, horse, human, mouse and sheep

**ISOTYPE** IaG

**AMOUNT** 1 ml at 0.5 mg/ml

2 - 8° C / 1 year from date of receipt STORAGE/SHELF LIFE

**PHYSICAL STATE** Liquid FLUOROPHORE/PROTEIN 5.1

**BUFFER** Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide

**ORIGIN** USA

**PRODUCTION** Antiserum was cross adsorbed using bovine, horse, human, mouse & sheep immunosorbents to **PROCEDURES** 

remove cross reactive antibodies. The antibody to rat IgG was isolated by affinity

chromatography using antigen coupled to agarose beads and conjugated to DyLight® 650.

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 and with light

chains common to other rat immunoglobulins. No antibody was detected against non-

immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, horse, human, mouse &

sheep IqG was detected. This antibody may cross react with IqG 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® 650 is excited at 652 (in PBS) and emits at 672 (in PBS). DyLight® 650 replaces DyLight®

649.

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

**ADDITIONAL INFO** https://www.bethyl.com/product/A110-322D5

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