

Rat IgG-heavy and light chain cross-adsorbed Antibody

Donkey Polyclonal Conjugate DyLight® 650
Antigen Affinity Purified
Catalog No. A110-337D5
Lot No. A110-337D5-17



APPLICATIONS IHC, ICC, F, IF
SPECIES REACTIVITY Rat. Minimum reactivity to bovine, chicken, goat, human, mouse, rabbit and sheep
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 3.3
ISOTYPE IgG
ORIGIN USA
PRODUCTION PROCEDURES Antiserum was cross adsorbed using bovine, human, mouse, rabbit & sheep immunosorbents to 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, human, mouse, rabbit & sheep 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® 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 Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: February 18, 2021