

Rat IgG–heavy and light chain cross–adsorbed Antibody

Donkey Polyclonal
 Antigen Affinity Purified
 Conjugate DyLight® 594
 Catalog No. A110–337D4
 Lot No. A110–337D4–13



APPLICATIONS	IHC, ICC, F, IF
SPECIES REACTIVITY	. 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	5.9
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® 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 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® 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/A110–337D4](https://www.bethyl.com/product/A110-337D4)

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.
 Brian McWilliams, PhD Date: March 22, 2021