Rat IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A110-337D2

Lot No. 17

APPLICATIONS	IHC, ICC, Flow Cyt, 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	6.2
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® 488. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. 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® 488 is excited at 493 (in PBS) and emits at 518 (in PBS). 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.

Michael Spencer, PhD Date: January 12, 2026

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