Rat IgG-heavy and light chain cross-adsorbed Antibody

Donkey Polyclonal	Conjugate DyLight® 594
Antigen Affinity Pur	fied
Catalog No. A110	D-337D4
Lot No. A110	D-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/PROTI	IN 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.
	$DyLight^{\circ}$ 594 is excited at 593 (in PBS) and emits at 618 (in PBS).
ADDITIONAL INFO	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. 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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.