Rat IgG Heavy and Light Chain Cross-Adsorbed Antibody



Antibody			
Donkey Polyclonal		Conjugate DyLight [®] 800	
Antigen Affinity Purified			
Catalog No.	A110-3	337D8	
Lot No.	A110-3	337D8-14	
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		4.0	
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® 800.	
		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 NO	OTES	Not all listed applications have been specifically tested by our laboratory.	
		DyLight® 800 is excited at 770 (in PBS) and emits at 794 (in PBS).	
ADDITIONAL INI	FO	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A110-337D8 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. Michael Spencer, PhD Date: January 3, 2023

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