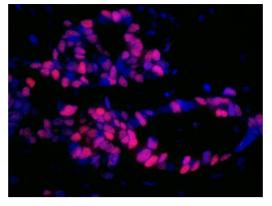
Mouse IgG Heavy and Light Chain Cross-Adsorbed	
Antibody	



Antibody			
Donkey Polyclonal		Conjugate DyLight <sup>®</sup> 550	
Antigen Affinity Purified			
Catalog No. A90-33		57D3	
Lot No.	19		
APPLICATIONS		IHC, ICC, Flow Cyt, IF	
SPECIES REACTIVITY		Mouse. Minimum reactivity to bovine, chicken, goat, human, rabbit, rat 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		5.7	
ISOTYPE		IgG	
ORIGIN		USA	
PRODUCTION PROCEDURES		Antiserum was cross adsorbed using bovine, chicken, goat, human, rabbit, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.	
		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 mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 2% cross reactivity to bovine, chicken, goat, human, rabbit, rat and 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 N	OTES	Not all listed applications have been specifically tested by our laboratory.	
		DyLight® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.	
ADDITIONAL IN	FO	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A90-337D3 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: March 7, 2024



**Detection of human p53 by immunofluorescence.** Sample: FFPE section of human ovarian carcinoma. Primary Antibody: mouse anti-p53 (Clone DO-1) used at a dilution of 1:100. Secondary Antibody: Red-fluorescent donkey anti-mouse IgG-heavy and light chain cross-adsorbed Antibody DyLight® 550 Conjugated (A90-337D3 Lot 10) used at a dilution of 1:100 (5µg/ml). Counterstain: DAPI (blue)

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