Mouse IgG Heavy and Light Chain Cross-Adsorbed	
Antibody	

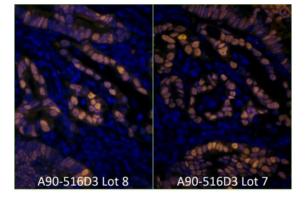


Antibody			
Goat Polyclona	ıl	Conjugate DyLight [®] 550	
Antigen Affinity Purified			
Catalog No.	A90-51		
Lot No.	A90-51	16D3-16	
APPLICATIONS		IHC, ICC, Flow Cyt, IF	
SPECIES REACTIVITY		Mouse. Minimum reactivity to bovine, chicken, horse, human, pig, rabbit and rat	
AMOUNT		1 ml	
CONCENTRATION		0.5 mg/ml	
STORAGE/SHELI	F LIFE	2 - 8°C / 1 year from date of receipt	
PHYSICAL STAT	E	Liquid	
BUFFER		Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide	
FLUOROPHORE/PROTEIN 5		5	
ISOTYPE		IgG	
ORIGIN		USA	
PRODUCTION PROCEDURES		Antiserum was cross adsorbed using bovine, chicken, horse, human, pig rabbit and rat 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.	
		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 mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, horse, human, pig, rabbit and rat 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/A90-516D3 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: August 18, 2022

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Detection of human p53 by immunofluorescence. *Sample:* FFPE section of human stomach carcinoma. *Primary Antibody:* mouse anti-p53 (clone DO-1) used at a dilution of 1:100. *Secondary Antibody:* Red-fluorescent goat antimouse IgG-heavy and light chain cross-adsorbed Antibody DyLight® 550 Conjugated (A90-516D3 Lot 8) used at a dilution of 1:100 (5µg/ml). *Counterstain:* DAPI (blue)

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