Mouse IgG Heavy and Light Chain Antibody



	LABORATORIES, INC. LIFE SCIENCES
F(ab')2 Goat Polyclona	I Conjugate DyLight [®] 488
Antigen Affinity Purifie	
Catalog No. A90-1 Lot No. A90-1	38D2 38D2-5
	IHC, ICC, F, IF
SPECIES REACTIVITY	Mouse
	1 ml
	0.5 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE BUFFER	Liquid Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
FLUOROPHORE/PROTEIN	
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION	The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled
PROCEDURES	to agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to DyLight [®] 488.
	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. 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	https://www.bethyl.com/product/A90-138D2 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: April 27, 2022

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