Human IgG-F(ab')2 Fragment Cross-Adsorbed Antibody



Antibody		
F(ab')2 Goat Polyclonal		Conjugate DyLight [®] 594
Antigen Affinity Purified		
Catalog No.	A80-24	ł9D4
Lot No.	16	
APPLICATIONS		IHC, ICC, Flow Cyt, IF
SPECIES REACTIVITY		Human. Minimum reactivity to mouse and rat
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		5.6
ISOTYPE		IgG
ORIGIN		USA
PRODUCTION PROCEDURES		Antiserum was solid phase adsorbed to ensure specificity. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to human IgG-F(ab')2 was isolated by affinity chromatography using antigen coupled 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® 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 F(ab')2 fragments of human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgG was detected. This antibody may cross react with F(ab')2 fragments of IgG from other
APPLICATIONS		species. 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® 594 is excited at 593 (in PBS) and emits at 618 (in PBS).
ADDITIONAL INI	FO	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A80-249D4 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: June 9, 2023

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