## Human IgG-Fc Fragment Antibody



F(ab')2 Goat Polyclonal	l Conjugate Biotin	
Antigen Affinity Purifie	ed	
Catalog No. A80-24	48B	
Lot No. A80–24	48B-11	
APPLICATIONS	WB, IHC, ICC, ELISA	
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	
ISOTYPE	IgG	
ORIGIN	USA	
PRODUCTION PROCEDURES	<ul> <li>Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragment and whole IgG molecules have been removed. Fragments were conjugated to biotin.</li> <li>Antibody concentration was determined by extinction coefficient: absorbance at 280 r 1.4 equals 1.0 mg of IgG.</li> <li>By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-</li> </ul>	l to nts nm of
APPLICATIONS	immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgG w detected. This antibody may cross react with IgG from other species. Centrifuge tube to remove product from lid. Optimal working dilutions should be dete	as
	experimentally by the investigator. Prepare working dilution immediately before use.	
	Western Blot 1:10,000 – 1:200,000	
	Immunohistochemistry 1:250 – 1:2,500	
	Immunocytochemistry 1:100 – 1:500	
	ELISA 1:10,000 - 1:200,000	
APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.	
ADDITIONAL INFO	https://www.fortislife.com/p/A80-248B Use the link above to view SDS, a current list of citations, and other product specific in	oformation.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: March 3, 2023

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