Human IgG-Fc Fragment Antibody

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F(ab')2 Goat Polyclonal Antigen Affinity Purified Catalog No. A80-148AP Lot No. A80-148AP-2		ed 48AP	onjugate	Alkaline Phosphatase	BETHYL LABORATORIES, INC
APPLICATIONS		WB, IHC, ICC, ELISA			
SPECIES REACTIVITY		Human			
ISOTYPE		IgG			
AMOUNT	1 ml at 0.5 mg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl2, 0.1 mM ZnCl2 containing 0.2% BSA and 0.09% NaN3			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antiserum was solid phase adsorbed to ensure class specificity. The antibody to human IgG 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 alkaline phosphatase. 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 human IgG. Cross reactivity with IgA and IgM is negligible. 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.			
		Western Blot	1:2	,500 - 1:25,000	
		Immunohistochem	stry 1:1	00 - 1:1,000	
		Immunocytochemi	stry 1:1	00 - 1:1,000	
		ELISA	1:2	,500 - 1:25,000	
APPLICATION NOTES		Not all listed applications have been specifically tested by our laboratory.			
		https://www.bethyl.com/product/A80-148AP 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. Eric McIntush, PhD | Chief Scientific Officer Date: December 3, 2018

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