

Human IgG–Fc Fragment Antibody

F(ab')₂ Goat Polyclonal

Conjugate

Biotin

Antigen Affinity Purified

Catalog No. A80–148B

Lot No. 10

APPLICATIONS	WB, IHC, ICC, ELISA								
SPECIES REACTIVITY	Human								
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	<p>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 biotin.</p> <p>Immunoglobulin concentration was determined using Beer’s Law where 1 mg/mL IgG has an A280 of 1.4.</p> <p>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.</p>								
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:20,000 – 1:400,000</td></tr><tr><td>Immunohistochemistry</td><td>1:250 – 1:2500</td></tr><tr><td>Immunocytochemistry</td><td>1:100 – 1:500</td></tr><tr><td>ELISA</td><td>1:20,000 – 1:400,000</td></tr></table>	Western Blot	1:20,000 – 1:400,000	Immunohistochemistry	1:250 – 1:2500	Immunocytochemistry	1:100 – 1:500	ELISA	1:20,000 – 1:400,000
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APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.								
ADDITIONAL INFO	<p>https://www.fortislife.com/p/A80-148B</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>								

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: April 25, 2024