Human IgG-Fc Fragment Antibody

Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A80-104P

Lot No. 102

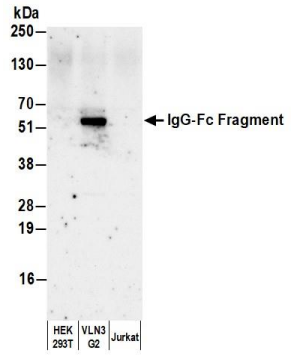
APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Human
AMOUNT	1 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP). Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. Molar enzyme/antibody protein ratio is 4:1. By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG. Cross reactivity with IgM, IgA and light chains is less than 1%. 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	1:5000 - 1:50,000
Immunohistochemistry	1:200 - 1:5000
Immunocytochemistry	1:200 - 1;5,000
ELISA	1:10,000 - 1:100,000

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	https://www.fortislife.com/p/A80-104P 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: March 18, 2025



Detection of human IgG-Fc Fragment by western blot. *Samples:* Whole cell lysate (10 µg) from HEK293T, VLN3G2, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* HRP-conjugated Goat anti-Human IgG-Fc Fragment Antibody (A80-104P) used for WB at 1 µg/ml. *Secondary:* None. *Detection:* Chemiluminescence with an exposure time of 30 seconds.