Human IgG-Fc Fragment Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A80-105A

Lot No. 250401

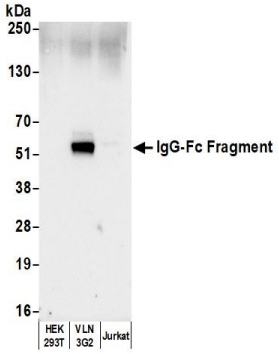
APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Human
AMOUNT	1 ml
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 2 years from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG. Cross reactivity with IgA, IgM 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	1:1000 - 1:30,000
Immunohistochemistry	1:200 - 1:2000
Immunocytochemistry	1:200 - 1:2000
ELISA	1:1000 - 1:30,000; for coating plates 1:100 - 1:1,000

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	https://www.fortislife.com/p/A80-105A 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: July 15, 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:* Affinity Purified Rabbit anti-Human IgG-Fc Fragment Antibody (A80-105A) used for WB at 1:1000. *Secondary:* HRP-conjugated Goat anti-Rabbit IgG Heavy and Light Chain Antibody (A120-101P). *Detection:* Chemiluminescence with an exposure time of 10 seconds.