

# Human IgG-Fc Fragment Antibody

F(ab')<sub>2</sub> Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A80-148P

Lot No. A80-148P-9



**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 0.05% Pro-Clean 400

**ISOTYPE** IgG

**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')<sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to horseradish peroxidase (HRP).

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 1:2,000 – 1:20,000

Immunohistochemistry 1:200 – 1:2,000

Immunocytochemistry 1:200 – 1:2,000

ELISA 1:10,000 – 1:100,000

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A80-148P>

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.  
Brian McWilliams, PhD Date: March 15, 2021