

Human IgG-Fc Fragment Antibody

F(ab')₂ Goat Polyclonal

Conjugate HRP

Antigen Affinity Purified

Catalog No. A80-248P

Lot No. 18

APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Human. Minimum reactivity to mouse and rat

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. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. 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 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. Less than 1% cross reactivity to mouse and rat IgG was detected. 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.

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| Western Blot | 1:2,000 – 1:20,000 |
| Immunohistochemistry | 1:200 – 1:2,000 |
| Immunocytochemistry | 1:200 – 1:2,000 |
| ELISA | 1:10,000 – 1:50,000 |

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

ADDITIONAL INFO <https://www.fortislife.com/p/A80-248P>

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: October 13, 2023