Human IgG-Fc Fragment Antibody



Antigen Affinity Purified

Catalog No. A80-248P Lot No. A80-248P-16

APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY . Minimum reactivity to mouse and rat

AMOUNT

CONCENTRATION 0.5 mg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400 **BUFFER**

ISOTYPE IgG USA **ORIGIN**

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 nonimmunoglobulin 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.

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.bethyl.com/product/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: January 21, 2022

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