## Human IgG-Fc Fragment Antibody



Goat Polyclonal Conjugate Alkaline Phosphatase

Antigen Affinity Purified Catalog No. A80-104AP Lot No. A80-104AP-28

**APPLICATIONS** IHC, ICC, F, IF

**AMOUNT** 1 ml

CONCENTRATION 1 mg/ml

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

**PHYSICAL STATE** Liquid

**BUFFER** 50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl2, 0.1 mM ZnCl2 containing 0.2% BSA and 0.09%

**ISOTYPE** IgG **ORIGIN** USA

**PRODUCTION** Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated **PROCEDURES** 

by affinity chromatography using antigen coupled to agarose beads and conjugated to

alkaline phosphatase (alkphos).

Antibody concentration was determined by extinction coefficient prior to conjugation:

absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme: antibody protein ratio is

1:1.

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 1:1,000 - 1:10,000 Immunohistochemistry 1:100 - 1:1,000

Immunocytochemistry 1:100 - 1:1,000

**ELISA** 1:5,000 - 1:50,000

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

**ADDITIONAL INFO** https://www.bethyl.com/product/A80-104AP

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 21, 2021

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