Human IgG-Fc Fragment cross-adsorbed Antibody

Goat Polyclonal

Antigen Affinity Purified

Catalog No. A80-304A

Lot No. A80-304A-2

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Human. Minimum reactivity to bovine, chicken, horse, mouse, rabbit, rat and sheep
ISOTYPE	IgG
AMOUNT	1 ml at 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 0.09% Sodium Azide
ORIGIN	USA

PRODUCTION PROCEDURES

Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using bovine, chicken, horse, mouse, rabbit, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads.

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 bovine, chicken, horse, mouse, rabbit, rat and sheep 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	1:1,000 - 1:20,000
Immunohistochemistry	1:200 - 1:2,000
Immunocytochemistry	1:200 - 1:2,000
ELISA	1:1,000 - 1:20,000; for coating plates 1:100 - 1:250

APPLICATION NOTES

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

ADDITIONAL INFO

https://www.bethyl.com/product/A80-304A

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.

Eric McIntush, PhD | Chief Scientific Officer

Date: December 3, 2018