

Rabbit IgG-heavy and light chain cross-adsorbed Antibody

F(ab')₂ Goat Polyclonal Conjugate Biotin
Antigen Affinity Purified
Catalog No. A120-314B
Lot No. A120-314B-4



APPLICATIONS WB, IHC, ICC, ELISA
SPECIES REACTIVITY Rabbit. Minimum reactivity to bovine, chicken, horse, human, mouse, 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 0.2% BSA and 0.09% Sodium Azide
ORIGIN USA
PRODUCTION PROCEDURES Antiserum was cross adsorbed using bovine, chicken, horse, human, mouse, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to rabbit 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 biotin.

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 rabbit IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, horse, human, mouse, 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 1:20,000 – 1:400,000

Immunohistochemistry 1:500 – 1:5,000

Immunocytochemistry 1:200 – 1:1,000

ELISA 1:20,000 – 1:400,000

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

ADDITIONAL INFO <https://www.bethyl.com/product/A120-314B>
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

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