Bovine IgG-heavy and light chain cross-adsorbed Antibody

Goat Polyclonal Conjugate Biotin

Antigen Affinity Purified

Catalog No. A10-230B

Lot No. A10-230B-1



APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Bovine. Minimum reactivity to human, mouse and rat

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 cross adsorbed using human, mouse, and rat immunosorbents to remove cross reactive antibodies. The antibody to bovine IgG was isolated by affinity chromatography using

antigen coupled to agarose beads and 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 bovine IgG and with light chains common to other bovine immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to human, 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 1:20,000 - 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/A10-230B

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