Goat IgG-heavy and light chain Antibody

Donkey Polyclonal Conjugate **Biotin**

Antigen Affinity Purified Catalog No. A50-101B Lot No. A50-101B-8



APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Goat **ISOTYPE** IaG

AMOUNT 1 ml at 1 mg/ml

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

PHYSICAL STATE Liquid

BUFFFR Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide

ORIGIN USA

PRODUCTION The antibody was isolated by affinity chromatography using antigen coupled to agarose beads **PROCEDURES** and conjugated to biotin.

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Biotin/antibody protein ratio is 4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-

immunoglobulin serum proteins.

This antibody may cross react with IgG from other species.

Biotinylated antibody was demonstrated by reaction with avidin/peroxidase when coated on

microtiter wells. Working dilutions should be determined by the investigator.

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/A50-101B

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