

# Goat IgG-heavy and light chain cross-adsorbed Antibody

Donkey Polyclonal  
Antigen Affinity Purified  
Conjugate Biotin  
Catalog No. A50-201B  
Lot No. A50-201B-9



**APPLICATIONS** WB, IHC, ICC, ELISA  
**SPECIES REACTIVITY** Goat. Minimum reactivity to chicken, human, mouse, pig, rabbit and rat  
**AMOUNT** 1 ml  
**CONCENTRATION** 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  
**ISOTYPE** IgG  
**ORIGIN** USA  
**PRODUCTION PROCEDURES** Antiserum was cross adsorbed using chicken, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to goat 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. 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. Less than 1% cross reactivity to chicken, human, mouse, pig, rabbit and rat IgG was detected.

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	1:10,000 – 1:200,000
Immunohistochemistry	1:250 – 1:2,500
Immunocytochemistry	1:100 – 1:500
ELISA	1:10,000 – 1:200,000

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

**ADDITIONAL INFO** <https://www.bethyl.com/product/A50-201B>  
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.  
Brian McWilliams, PhD Date: May 19, 2021