Goat IgG-heavy and light chain cross-adsorbed Antibody

Donkey Polyclonal Conjugate Biotin

Antigen Affinity Purified

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 Please visit our website for additional product 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

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