## Goat IgG Heavy and Light Chain Antibody



**Donkey Polyclonal** Conjugate Alkaline Phosphatase

Antigen Affinity Purified Catalog No. A50-101AP A50-101AP-23 Lot No.

**APPLICATIONS** WB, IHC, ICC, ELISA

SPECIES REACTIVITY Goat **AMOUNT** 1 ml

CONCENTRATION 1 mg/ml

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

PHYSICAL STATE Liquid

50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl2, 0.1 mM ZnCl2 containing 0.09% NaN3 **BUFFER** 

**ISOTYPE** IgG USA **ORIGIN** 

The antibody was isolated by affinity chromatography using antigen coupled to agarose **PRODUCTION PROCEDURES** 

beads and conjugated to alkaline phosphatase (alkphos).

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

1:1.

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 IqG 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 1:5,000 - 1:50,000

**Immunohistochemistry** 1:100 - 1:1,000

Immunocytochemistry 1:100 - 1:1,000

**ELISA** 1:5.000 - 1:50.000

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

**ADDITIONAL INFO** https://www.fortislife.com/p/A50-101AP

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. Date: October 13, 2022 Michael Spencer, PhD

> Phone: 800.338.9579 • Fax: 866.597.6105 • Web: www.fortislife.com Orders: orders@fortislife.com · Support: technical@fortislife.com