

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

Rabbit Polyclonal

Conjugate Alkaline Phosphatase

Antigen Affinity Purified

Catalog No. A50-200AP

Lot No. A50-200AP-9



<b>APPLICATIONS</b>	WB, IHC, ICC, ELISA
<b>SPECIES REACTIVITY</b>	Goat. Minimum reactivity to chicken, horse, human, mouse, pig and rat
<b>AMOUNT</b>	1 ml
<b>CONCENTRATION</b>	0.5 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl <sub>2</sub> , 0.1 mM ZnCl <sub>2</sub> containing 0.09% Na <sub>3</sub>
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antiserum was cross adsorbed using chicken, horse, human, mouse, pig 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 alkaline phosphatase (alkphos).

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 goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to chicken, horse, human, mouse, pig 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 1:2,500 – 1:25,000

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.bethyl.com/product/A50-200AP>

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: August 23, 2021