

Goat IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal

Antigen Affinity Purified

Catalog No. A50-201A

Lot No. 240710

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 / 2 years from date of receipt								
PHYSICAL STATE	Liquid								
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	<p>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.</p> <p>Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.</p> <p>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.</p> <p>This antibody may cross react with IgG from other species.</p>								
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:1000 – 1:20,000</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:1000</td></tr><tr><td>Immunocytochemistry</td><td>1:100 – 1:1000</td></tr><tr><td>ELISA</td><td>1:1000 – 1:20,000; for coating plates 1:50 – 1:250</td></tr></table>	Western Blot	1:1000 – 1:20,000	Immunohistochemistry	1:100 – 1:1000	Immunocytochemistry	1:100 – 1:1000	ELISA	1:1000 – 1:20,000; for coating plates 1:50 – 1:250
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APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.								
ADDITIONAL INFO	<p>https://www.fortislife.com/p/A50-201A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>								

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: January 9, 2025