

Rat IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A110-337P

Lot No. A110-337P-15

APPLICATIONS	WB, IHC, ICC, ELISA								
SPECIES REACTIVITY	Rat. Minimum reactivity to bovine, chicken, goat, human, mouse, rabbit and sheep								
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 0.2% BSA and 0.1% Pro-Clean 400								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	<p>Antiserum was cross adsorbed using bovine, human, mouse, rabbit & sheep immunosorbents to remove cross reactive antibodies. The antibody to rat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with rat IgG and with light chains common to other rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, human, mouse, rabbit & sheep IgG was detected. 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>1:5,000 – 1:50,000</td></tr><tr><td>Immunohistochemistry</td><td>1:200 – 1:5,000</td></tr><tr><td>Immunocytochemistry</td><td>1:200 – 1:5,000</td></tr><tr><td>ELISA</td><td>1:10,000 – 1:100,000</td></tr></table>	Western Blot	1:5,000 – 1:50,000	Immunohistochemistry	1:200 – 1:5,000	Immunocytochemistry	1:200 – 1:5,000	ELISA	1:10,000 – 1:100,000
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APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.								
ADDITIONAL INFO	<p>https://www.fortislifesciences.com/p/A110-337P</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: December 5, 2022