

Rat IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclonal
Antigen Affinity Purified
Catalog No. A110-322B
Lot No. A110-322B-7



APPLICATIONS	WB, IHC, ICC, ELISA								
SPECIES REACTIVITY	Rat. Minimum reactivity to bovine, horse, human, mouse 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 0.09% Sodium Azide								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	<p>Antiserum was cross adsorbed using bovine, horse, human, mouse & 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 biotin.</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, horse, human, mouse & 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>1:20,000 – 1:400,000</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:5,000</td></tr><tr><td>Immunocytochemistry</td><td>1:200 – 1:1,000</td></tr><tr><td>ELISA</td><td>1:20,000 – 1:400,000</td></tr></table>	Western Blot	1:20,000 – 1:400,000	Immunohistochemistry	1:500 – 1:5,000	Immunocytochemistry	1:200 – 1:1,000	ELISA	1:20,000 – 1:400,000
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APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.								
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A110-322B</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.
Eric McIntush, PhD | Chief Scientific Officer Date: September 24, 2020