Rat IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A110-322P

Lot No. A110-322P-3

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Rat. Minimum reactivity to bovine, horse, human, mouse and sheep
ISOTYPE	IgG
AMOUNT	1 ml at 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 0.05% Pro-Clean 400
ORIGIN	USA
PRODUCTION PROCEDURES	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 horseradish peroxidase (HRP). 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 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.
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	1:200 - 1:5,000
Immunocytochemistry	1:200 - 1:5,000
ELISA	1:10,000 - 1:100,000

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

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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: March 20, 2019

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