## Rat IgG Heavy and Light Chain Cross-Adsorbed Antibody



Antibody	
F(ab')2 Goat Polyclona	al Conjugate HRP
Antigen Affinity Purified	
Catalog No. A110-	
Lot No. A110-238P-5	
APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Rat. Minimum reactivity to human and mouse
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 0.05% Pro-Clean 400
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using human and mouse immunosorbents to remove cross reactive antibodies. The antibody to rat IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were 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 human and mouse 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.
ADDITIONAL INFO	https://www.bethyl.com/product/A110-238P
	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. Michael Spencer, PhD Date: February 28, 2022

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