

Rat IgG1 Heavy Chain Antibody

Goat Polyclonal

Antigen Affinity Purified

Catalog No. A110-106A

Lot No. 240403

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Rat
AMOUNT	1 ml
CONCENTRATION	1 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 solid phase adsorbed to ensure subclass specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads.</p> <p>Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with rat IgG1. Cross reactivity to rat IgM, IgA, IgG2a, IgG2b, and IgG2c is less than 1%. Some hybridoma clones may express aberrant immunoglobulin-related peptides that are improperly recognized by this antibody.</p>

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 1:1000 - 1:30,000
	Immunohistochemistry 1:200 - 1:2000
	Immunocytochemistry 1:200 - 1:2000
	ELISA 1:1000 - 1:30,000; for coating plates 1:100 - 1:500

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

ADDITIONAL INFO <https://www.fortislife.com/p/A110-106A>
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: April 3, 2024