Mouse IgG2b Cross-Adsorbed Antibody

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Goat Polyclonal Conjugate Biotin

Antigen Affinity Purified

Catalog No. A90-209B

Lot No. 9

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Mouse. Minimum reactivity to human and rat
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

Antiserum was solid phase adsorbed to ensure subclass specificity. Antiserum was cross adsorbed using human and rat immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG2b was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to biotin.

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG2b. Cross reactivity with immunoglobulins is less than 2%. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human and rat IgG2b was detected. This antibody may cross react with IgG2b 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	1:10,000 - 1:200,000
Immunohistochemistry	1:250 - 1:2500
Immunocytochemistry	1:100 - 1:500
ELISA	1:10,000 - 1:200,000

APPLICATION NOTES

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

ADDITIONAL INFO

https://www.fortislife.com/p/A90-209B

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: December 4, 2024

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