Mouse IgG2c Heavy Chain Antibody

Goat Polyclonal

Antigen Affinity Purified

Catalog No. A90-136A

Lot No. 230719

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Mouse
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	Antiserum was solid phase adsorbed to ensure subclass specificity to IgG2c; sometimes referred to as the Igh 1b allele of IgG2a. (Martin et al., Journal of Immunological Methods, 1998, 212, 187-192) The antibody was isolated by affinity chromatography using antigen coupled to agarose beads. Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. By immunoelectrophoresis and ELISA, the antiserum reacts specifically with mouse IgG2c in C57BL/6, SJL, C57BL/10, CB20, C57BL/6 by Balb/C crosses and pools of serum of outbred mice obtained from several commercial sources. No antibody was detected against immunoglobulin light chains, other IgG subclasses or non-immunoglobulin serum proteins. 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	1:1,000 - 1:30,000
Immunohistochemistry	1:200 - 1:2,000
Immunocytochemistry	1:200 - 1:2,000
ELISA	1:1,000 - 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	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: October 25, 2023

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