Mouse IgG2c Heavy Chain Antibody



Goat Polyclona	al	Conjugate HRP
Antigen Affini	ty Purifie	ed
Catalog No.	A90-1	36P
Lot No.	31	
APPLICATIONS		WB, IHC, ICC, ELISA
SPECIES REACT	IVITY	Mouse
AMOUNT		1 ml
CONCENTRATIO	N	1 mg/ml
STORAGE/SHEL	F LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STAT	Έ	Liquid
BUFFER		Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400
ISOTYPE		lgG
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 and conjugated to horseradish peroxidase (HRP).
		Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. F/P ratio is 3 to 7.
		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 IgG2c 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 Blot1:2,000 - 1:20,000Immunohistochemistry1:200 - 1:2,000Immunocytochemistry1:200 - 1:2,000ELISA1:10,000 - 1:100,000
APPLICATION N	IOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL IN	IFO	https://www.fortislife.com/p/A90-136P 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 2, 2024

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