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Conjugate HRP

Catalog No. A90-136P

Lot No. A90-136P-29

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Mouse
AMOUNT	1 ml
CONCENTRATION	1 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 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).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. 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 Blot	1:2,000 – 1:20,000
Immunohistochemistry	1:200 – 1:2,000
Immunocytochemistry	1:200 – 1:2,000
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/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: January 18, 2022