Mouse IgG Heavy and Light Chain Antibody



Rabbit Polyclonal Conjugate Alkaline Phosphatase

Antigen Affinity Purified Catalog No. A90-117AP Lot No. A90-117AP-20

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 50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl2, 0.1 mM ZnCl2 containing 0.2% BSA and 0.09% NaN3

ISOTYPE IqG USA **ORIGIN**

PRODUCTION The antibody was isolated by affinity chromatography using antigen coupled to agarose **PROCEDURES**

beads and conjugated to alkaline phosphatase (alkphos).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme: antibody protein ratio is

1:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against 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 1:5,000 - 1:50,000

Immunohistochemistry 1:100 - 1:1.000 Immunocytochemistry 1:100 - 1:1,000 **ELISA** 1:5,000 - 1:50,000

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

ADDITIONAL INFO https://www.fortislife.com/p/A90-117AP

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 8, 2023

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