Mouse IgG-heavy and light chain Antibody

F(ab')2 Goat Polyclonal Conjugate **Biotin**

Antigen Affinity Purified Catalog No. A90-138B Lot No. A90-138B-2



APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Mouse **ISOTYPE** IaG

AMOUNT 1 ml at 0.5 mg/ml

2 - 8° C / 1 year from date of receipt STORAGE/SHELF LIFE

PHYSICAL STATE Liquid

Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide BUFFFR

ORIGIN USA

PRODUCTION The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to **PROCEDURES** agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and

whole IgG molecules have been removed. Fragments were conjugated to biotin.

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

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 nonimmunoglobulin 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 1:20.000 - 1:400.000

Immunohistochemistry 1:500 - 1:5,000 Immunocytochemistry 1:200 - 1:1,000

ELISA 1:20,000 - 1:400,000

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

ADDITIONAL INFO https://www.bethyl.com/product/A90-138B

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.

Eric McIntush, PhD | Chief Scientific Officer Date: December 3, 2018