

# Mouse IgG–Fc Fragment cross-adsorbed Antibody

F(ab')<sub>2</sub> Goat Polyclonal Conjugate Biotin

Antigen Affinity Purified

Catalog No. A90–239B

Lot No. A90–239B–4



**APPLICATIONS** WB, IHC, ICC, ELISA

**SPECIES REACTIVITY** Mouse. Minimum reactivity to human and rat

**ISOTYPE** IgG

**AMOUNT** 1 ml at 0.5 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 0.09% Sodium Azide

**ORIGIN** USA

**PRODUCTION PROCEDURES** Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using human and rat immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab')<sub>2</sub> 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. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human and rat IgG was detected. 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 1:10,000 – 1:200,000

Immunohistochemistry 1:250 – 1:2,500

Immunocytochemistry 1:100 – 1:500

ELISA 1:10,000 – 1:200,000

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

**ADDITIONAL INFO** <https://www.bethyl.com/product/A90-239B>

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

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