

Mouse IgG-F(ab')₂ Fragment cross-adsorbed Antibody

F(ab')₂ Goat Polyclonal

Antigen Affinity Purified

Catalog No. A90-241A

Lot No. A90-241A-3



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 0.09% 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-F(ab') ₂ Fragment was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') ₂ fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed.

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 F(ab')₂ fragments of mouse IgG. No antibody was detected against non-immunoglobulin serum proteins. Cross reactivity with IgA and IgM is negligible. Less than 1% cross reactivity to human and rat F(ab')₂ was detected. This antibody may cross react with F(ab')₂ fragments of 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	1:1,000 - 1:20,000
Immunohistochemistry	1:200 - 1:2,000
Immunocytochemistry	1:200 - 1:2,000
ELISA	1:1,000 - 1:20,000; for coating plates 1:50 - 1:250

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

ADDITIONAL INFO <https://www.bethyl.com/product/A90-241A>
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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