Rat IgG-Fc Fragment Antibody

F(ab')2 Goat Polyclonal Conjugate Biotin

Antigen Affinity Purified

Catalog No. A110-139B

Lot No. A110-139B-2

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Rat
AMOUNT	1 ml
CONCENTRATION	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
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was solid phase adsorbed to ensure class specificity. The antibody to rat IgG 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. 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 rat IgG. Cross reactivity with IgA and IgM is negligible. 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	1:10,000 - 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	Please visit our website for additional product 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: July 31, 2019

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