

Rat IgG-heavy and light chain Antibody

F(ab')₂ Donkey Polyclonal Conjugate FITC

Antigen Affinity Purified

Catalog No. A110-142F

Lot No. A110-142F-2



APPLICATIONS IHC, ICC, F, IF

SPECIES REACTIVITY 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

FLUOROPHORE/PROTEIN 5.5

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

ORIGIN USA

PRODUCTION PROCEDURES 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. F(ab')₂ fragments were conjugated to fluorescein isothiocyanate (FITC).

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 and with light chains common to other rat 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.

Immunohistochemistry 1:50 - 1:500

Immunocytochemistry 1:50 - 1:500

Flow Cytometry 1:50 - 1:200

Immunofluorescence 1:50 - 1:500

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

ADDITIONAL INFO <https://www.bethyl.com/product/A110-142F>
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