

Rabbit IgG-heavy and light chain Antibody

F(ab')₂ Goat Polyclonal Conjugate Alkaline Phosphatase
Antigen Affinity Purified
Catalog No. A120-114AP
Lot No. A120-114AP-2



APPLICATIONS WB, IHC, ICC, ELISA
SPECIES REACTIVITY Rabbit
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 50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl₂, 0.1 mM ZnCl₂ containing 0.2% BSA and 0.09% Na₂S₂O₃
ORIGIN USA

PRODUCTION PROCEDURES The antibody to rabbit 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 alkaline phosphatase.

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 rabbit IgG and with light chains common to other rabbit 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.

Western Blot	1:2,500 – 1:25,000
Immunohistochemistry	1:100 – 1:1,000
Immunocytochemistry	1:100 – 1:1,000
ELISA	1:2,500 – 1:25,000

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

ADDITIONAL INFO <https://www.bethyl.com/product/A120-114AP>
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