Rat IgG-heavy and light chain Antibody

Donkey Polyclonal Conjugate Alkaline Phosphatase

Antigen Affinity Purified

Catalog No. A110-137AP

Lot No. A110-137AP-3

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Rat
ISOTYPE	IgG
AMOUNT	1 ml at 1 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 $MgCl_2$, 0.1 mM $ZnCl_2$ containing 0.2% BSA and 0.09% NaN_3
ORIGIN	USA
PRODUCTION PROCEDURES	The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to alkaline phosphatase (alkphos). Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme: antibody protein ratio is 1:1. 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.

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/A110-137AP 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

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