Dog IgG2 Antibody



Sheep Polyclonal Conjugate HRP

Antigen Affinity Purified A40-121P Catalog No. Lot No. A40-121P-29

APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Doa **AMOUNT** 1 ml

CONCENTRATION 1 mg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400 **BUFFER**

ISOTYPE IgG USA **ORIGIN**

PRODUCTION Antiserum was solid phase adsorbed to ensure subclass specificity. The antibody was **PROCEDURES** isolated by affinity chromatography using antigen coupled to agarose beads and conjugated

to horseradish peroxidase (HRP).

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

4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with dog IgG2. No antibody was detected against immunoglobulin light chains or non-immunoglobulin serum

proteins. This antibody may cross react with IgG2 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 1:2,000 - 1:20,000

Immunohistochemistry 1:200 - 1:2,000

Immunocytochemistry 1:200 - 1:2,000

ELISA 1:10,000 - 1:100,000

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

ADDITIONAL INFO https://www.bethyl.com/product/A40-121P

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.

Michael Spencer, PhD Date: December 8, 2021

> Phone: 800.338.9579 • Fax: 866.597.6105 • Web: www.bethyl.com Orders: orders@fortislife.com · Support: technical@fortislife.com