Pig IgG-heavy and light chain Antibody

Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A100-105P

Lot No. A100-105P-36

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Pig
AMOUNT	1 ml
CONCENTRATION	1 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 0.05% Pro-Clean 400
ISOTYPE	IgG
ORIGIN	USA

PRODUCTION PROCEDURES

The antibody was 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 pig IgG and with light chains common to other pig 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	1:5,000 - 1:50,000
Immunohistochemistry	1:200 - 1:5,000
Immunocytochemistry	1:200 - 1:5,000
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/A100-105P

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.

Brian McWilliams, PhD Date: May 25, 2021

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