## Bovine IgG1 Antibody



Sheep Polyclonal Conjugate HRP

Antigen Affinity Purified Catalog No. A10-116P Lot No. A10-116P-39

**APPLICATIONS** WB, IHC, ICC, ELISA

SPECIES REACTIVITY Bovine **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 0.05% 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 bovine IgG1. This

antibody may cross react with IgG1 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/A10-116P

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: April 14, 2022

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