

# Bovine IgG1 Heavy Chain Antibody

Sheep Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A10-116P

Lot No. 43

**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

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

**ISOTYPE** IgG

**ORIGIN** USA

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

Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. 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	1:2000 - 1:20,000
Immunohistochemistry	1:200 - 1:2000
Immunocytochemistry	1:200 - 1:2000
ELISA	1:10,000 - 1:100,000

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

**ADDITIONAL INFO** <https://www.fortislife.com/p/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: June 20, 2025