

Bovine IgG-heavy chain Antibody

Sheep Polyclonal

Conjugate Alkaline Phosphatase

Antigen Affinity Purified

Catalog No. A10-118AP

Lot No. A10-118AP-13



APPLICATIONS	WB, IHC, ICC, ELISA								
SPECIES REACTIVITY	Bovine								
ISOTYPE	IgG								
AMOUNT	1 ml at 0.5 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 0.09% NaN ₃								
ORIGIN	USA								
PRODUCTION PROCEDURES	<p>Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to alkaline phosphatase (alkphos).</p> <p>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.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with bovine IgG. This antibody may cross react with IgG from other species.</p>								
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:5,000 – 1:50,000</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:1,000</td></tr><tr><td>Immunocytochemistry</td><td>1:100 – 1:1,000</td></tr><tr><td>ELISA</td><td>1:5,000 – 1:50,000</td></tr></table>	Western Blot	1:5,000 – 1:50,000	Immunohistochemistry	1:100 – 1:1,000	Immunocytochemistry	1:100 – 1:1,000	ELISA	1:5,000 – 1:50,000
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APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.								
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A10-118AP</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>								

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