Bovine IgM Heavy Chain Antibody



Sheep Polyclonal Conjugate Alkaline Phosphatase

Antigen Affinity Purified Catalog No. A10-101AP Lot No. A10-101AP-16

APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Bovine **AMOUNT** 1 ml

CONCENTRATION 0.5 mg/ml

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

PHYSICAL STATE Liquid

50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl2, 0.1 mM ZnCl2 containing 0.2% BSA and 0.09% **BUFFER**

ISOTYPE IgG **ORIGIN USA**

Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated **PRODUCTION PROCEDURES**

by affinity chromatography using antigen coupled to agarose beads and conjugated to

alkaline phosphatase (alkphos).

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.

By immunoelectrophoresis and ELISA this antibody reacts specifically with bovine IgM. This

antibody may cross react with IgM 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 1:100 - 1:1,000

Immunocytochemistry 1:100 - 1:1,000

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

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

ADDITIONAL INFO https://www.bethyl.com/product/A10-101AP

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: February 15, 2022

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