

Bovine IgG-heavy and light chain cross-adsorbed Antibody

Goat Polyclonal
Antigen Affinity Purified
Conjugate DyLight® 488
Catalog No. A10-230D2
Lot No. A10-230D2-2



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|------------------------------|--|
| APPLICATIONS | IHC, ICC, F, IF |
| SPECIES REACTIVITY | Bovine. Minimum reactivity to human, mouse and rat |
| 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 |
| FLUOROPHORE/PROTEIN | 5.3 |
| BUFFER | Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | Antiserum was cross adsorbed using human, mouse, and rat immunosorbents to remove cross reactive antibodies. The antibody to bovine IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 488. |

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with bovine IgG and with light chains common to other bovine immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to human, mouse, and rat IgG was detected. 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.

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| Immunohistochemistry | 1:50 - 1:500 |
| Immunocytochemistry | 1:50 - 1:500 |
| Flow Cytometry | 1:50 - 1:200 |
| Immunofluorescence | 1:50 - 1:500 |

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

DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO <https://www.bethyl.com/product/A10-230D2>
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.

Eric McIntush, PhD | Chief Scientific Officer

Date: December 3, 2018

