Bovine IgG-heavy and light chain cross-adsorbed Antibody

bovine igo-neavy and light chain closs-adsorbed Antibody	
Goat Polyclonal	Conjugate DyLight® 594
Antigen Affinity P	$V \leq V$
5	0-230D4 BETHYL
Lot No. A1	0-230D4-2
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 LI	E 2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
FLUOROPHORE/PROTEIN 4.6	
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® 594.
	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.
	Immunohistochemistry 1:50 – 1:500
	Immunocytochemistry 1:50 – 1:500
	Flow Cytometry 1:50 – 1:200
	Immunofluorescence 1:50 – 1:500
APPLICATION NOTE	S Not all listed applications have been specifically tested by our laboratory.
	DyLight $^{\circ}$ 594 is excited at 593 (in PBS) and emits at 618 (in PBS).
	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
ADDITIONAL INFO	https://www.bethyl.com/product/A10-230D4 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 OfficerDate: December 3, 2018

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