## Sheep IgG-heavy and light chain Antibody

**Donkey Polyclonal** Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A130-100D2 Lot No. A130-100D2-11

**APPLICATIONS** IHC, ICC, F, IF

SPECIES REACTIVITY Sheep **AMOUNT** 1 ml

CONCENTRATION 0.5 ma/ml

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

**PHYSICAL STATE** Liquid

**BUFFER** Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide

**FLUOROPHORE/PROTEIN** 5.3 **ISOTYPE** IqG USA **ORIGIN** 

**PRODUCTION** The antibody was isolated by affinity chromatography using antigen coupled to agarose **PROCEDURES** 

beads and conjugated to DyLight® 488.

Antibody concentration was determined by extinction coefficient prior to conjugation:

absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with sheep IgG and with light chains common to other sheep immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. 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 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).

DvLight<sup>®</sup> is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

**ADDITIONAL INFO** https://www.bethyl.com/product/A130-100D2

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: April 21, 2020



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