

Sheep IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclonal
Antigen Affinity Purified
Catalog No. A130-201D3
Lot No. A130-201D3-9

Conjugate DyLight® 550



APPLICATIONS	IHC, ICC, F, IF
SPECIES REACTIVITY	Sheep. Minimum reactivity to chicken, horse, human, mouse and rat
AMOUNT	1 ml
CONCENTRATION	0.5 mg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
FLUOROPHORE/PROTEIN	6.6
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using chicken, horse, human, mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to sheep IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.

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 sheep IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to chicken, horse, 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 NOTES Not all listed applications have been specifically tested by our laboratory.

DyLight® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.

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

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD

Date: June 23, 2021