

# Sheep IgG Heavy and Light Chain Antibody

Rabbit Polyclonal Conjugate FITC

Antigen Affinity Purified

Catalog No. A130-101F

Lot No. 17

**APPLICATIONS** IHC, ICC, Flow Cyt, IF

**SPECIES REACTIVITY** Sheep

**AMOUNT** 1 ml

**CONCENTRATION** 1 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** 4.2

**ISOTYPE** IgG

**ORIGIN** USA

**PRODUCTION PROCEDURES** The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to fluorescein isothiocyanate (FITC).

Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

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.

**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.  
Michael Spencer, PhD Date: June 27, 2025