

# Rabbit IgG–F(ab')<sub>2</sub> Fragment Cross–Adsorbed Antibody

F(ab')<sub>2</sub> Goat Polyclonal Conjugate DyLight® 650

Antigen Affinity Purified

Catalog No. A120–212D5

Lot No. 13

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<b>APPLICATIONS</b>	IHC, ICC, Flow Cyt, IF
<b>SPECIES REACTIVITY</b>	Rabbit. Minimum reactivity to human, mouse and rat
<b>AMOUNT</b>	1 ml
<b>CONCENTRATION</b>	0.5 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
<b>FLUOROPHORE/PROTEIN</b>	4.7
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antiserum was cross adsorbed using human, mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG–F(ab') <sub>2</sub> was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') <sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. F(ab') <sub>2</sub> fragments were conjugated to DyLight® 650.

Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A<sub>280</sub> of 1.4.

By immunoelectrophoresis and ELISA this antibody reacts specifically with F(ab')<sub>2</sub> fragments of rabbit IgG. No antibody was detected against non-immunoglobulin serum proteins. Cross reactivity with IgA and IgM is negligible. Less than 1% cross reactivity to human, mouse and rat F(ab')<sub>2</sub> was detected. This antibody may cross react with F(ab')<sub>2</sub> fragments of 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® 650 is excited at 652 (in PBS) and emits at 672 (in PBS). DyLight® 650 replaces DyLight® 649.

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.  
Michael Spencer, PhD Date: March 18, 2025