

# Rabbit IgG-heavy and light chain cross-adsorbed Antibody

F(ab')<sub>2</sub> Donkey Polyclonal                      Conjugate    DyLight® 650  
Antigen Affinity Purified  
Catalog No.    A120-216D5  
Lot No.            A120-216D5-5



<b>APPLICATIONS</b>	IHC, ICC, F, IF
<b>SPECIES REACTIVITY</b>	Rabbit. Minimum reactivity to bovine, chicken, goat, human, mouse, rat and sheep
<b>ISOTYPE</b>	IgG
<b>AMOUNT</b>	1 ml at 0.5 mg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>FLUOROPHORE/PROTEIN</b>	5.7
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antiserum was cross adsorbed using bovine, chicken, goat, human, mouse, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG 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. Fragments were conjugated to DyLight® 650.

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 rabbit IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, goat, human, mouse, rat and sheep 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® 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**                <https://www.bethyl.com/product/A120-216D5>  
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

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