

# Rat IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A110-337D2

Lot No. A110-337D2-14

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<b>APPLICATIONS</b>	IHC, ICC, IF
<b>SPECIES REACTIVITY</b>	. Minimum reactivity to bovine, chicken, goat, human, mouse, rabbit and sheep
<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>	6.1
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antiserum was cross adsorbed using bovine, human, mouse, rabbit &amp; sheep immunosorbents to remove cross reactive antibodies. The antibody to rat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 488.</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with rat IgG and with light chains common to other rat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, human, mouse, rabbit &amp; sheep IgG was detected. This antibody may cross react with IgG from other species.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Immunohistochemistry 1:50 – 1:500</p> <p>Immunocytochemistry 1:50 – 1:500</p> <p>Flow Cytometry 1:50 – 1:200</p> <p>Immunofluorescence 1:50 – 1:500</p>
<b>APPLICATION NOTES</b>	<p>Not all listed applications have been specifically tested by our laboratory.</p> <p>DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).</p>
<b>ADDITIONAL INFO</b>	<p>DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.</p> <p><a href="https://www.bethyl.com/product/A110-337D2">https://www.bethyl.com/product/A110-337D2</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: September 23, 2021

