

# Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal Conjugate DyLight® 800

Antigen Affinity Purified

Catalog No. A90-337D8

Lot No. 16

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<b>APPLICATIONS</b>	WB, IHC, ICC, Flow Cyt, IF										
<b>SPECIES REACTIVITY</b>	Mouse. Minimum reactivity to bovine, chicken, goat, human, rabbit, rat 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>	4.0										
<b>ISOTYPE</b>	IgG										
<b>ORIGIN</b>	USA										
<b>PRODUCTION PROCEDURES</b>	<p>Antiserum was cross adsorbed using bovine, chicken, goat, human, rabbit, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 800.</p> <p>Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 2% cross reactivity to bovine, chicken, goat, human, rabbit, rat and 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> <table><tr><td>Western Blot</td><td>1:1000 – 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.</td></tr><tr><td>Immunohistochemistry</td><td>1:50 – 1:500</td></tr><tr><td>Immunocytochemistry</td><td>1:50 – 1:500</td></tr><tr><td>Flow Cytometry</td><td>1:50 – 1:200</td></tr><tr><td>Immunofluorescence</td><td>1:50 – 1:500</td></tr></table>	Western Blot	1:1000 – 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.	Immunohistochemistry	1:50 – 1:500	Immunocytochemistry	1:50 – 1:500	Flow Cytometry	1:50 – 1:200	Immunofluorescence	1:50 – 1:500
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<b>APPLICATION NOTES</b>	<p>Not all listed applications have been specifically tested by our laboratory.</p> <p>DyLight® 800 is excited at 770 (in PBS) and emits at 794 (in PBS).</p> <p>DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.</p>										
<b>ADDITIONAL INFO</b>	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: November 22 2024

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