

**BETHYL** | **FORTIS**  
LABORATORIES, INC. | LIFE SCIENCES

<b>APPLICATIONS</b>	IHC, ICC, Flow Cyt, IF								
<b>SPECIES REACTIVITY</b>	Human								
<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>	5.8								
<b>ISOTYPE</b>	IgG								
<b>ORIGIN</b>	USA								
<b>PRODUCTION PROCEDURES</b>	<p>Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 594.</p> <p>Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG. Cross reactivity with other immunoglobulins and light chains is less than 1%. 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 border="0"> <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>	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® 594 is excited at 593 (in PBS) and emits at 618 (in PBS).</p> <p>DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.</p>								
<b>ADDITIONAL INFO</b>	<p><a href="https://www.fortislife.com/p/A80-104D4">https://www.fortislife.com/p/A80-104D4</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: July 2, 2025