

BETHYL | **FORTIS**
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APPLICATIONS	WB, IHC, ICC, ELISA								
SPECIES REACTIVITY	Human								
AMOUNT	1 ml								
CONCENTRATION	1 mg/ml								
STORAGE/SHELF LIFE	2 – 8°C / 1 year from date of receipt								
PHYSICAL STATE	Liquid								
BUFFER	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.05% Pro-Clean 400								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	<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 horseradish peroxidase (HRP).</p> <p>Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. Molar enzyme/antibody protein ratio is 4:1.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgA. Cross reactivity with IgG, IgM and light chains is less than 1%. This antibody may cross react with IgA from other species.</p>								
APPLICATIONS	<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>Western Blot</td> <td>1:2000 – 1:20,000</td> </tr> <tr> <td>Immunohistochemistry</td> <td>1:200 – 1:2000</td> </tr> <tr> <td>Immunocytochemistry</td> <td>1:200 – 1:2000</td> </tr> <tr> <td>ELISA</td> <td>1:10,000 – 1:100,000</td> </tr> </table>	Western Blot	1:2000 – 1:20,000	Immunohistochemistry	1:200 – 1:2000	Immunocytochemistry	1:200 – 1:2000	ELISA	1:10,000 – 1:100,000
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APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.								
ADDITIONAL INFO	<p>https://www.fortislife.com/p/A80-102P</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: June 11, 2024