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APPLICATIONS	Flow Cyt, IF				
SPECIES REACTIVITY	Human. Minimum reactivity to mouse and rat				
AMOUNT	1 ml				
CONCENTRATION	0.5 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 0.09% Sodium Azide				
ISOTYPE	IgG				
ORIGIN	USA				
PRODUCTION PROCEDURES	<p>Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab')₂ fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to R-phycoerythrin (RPE).</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 human IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgG was detected. This antibody may cross react with IgG 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>Flow Cytometry</td> <td>1:50 – 1:200</td> </tr> <tr> <td>Immunofluorescence</td> <td>1:50 – 1:200</td> </tr> </table>	Flow Cytometry	1:50 – 1:200	Immunofluorescence	1:50 – 1:200
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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/A80-248PE</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 1, 2024