

# Rabbit IgG–F(ab')<sub>2</sub> Fragment Cross–Adsorbed Antibody

F(ab')<sub>2</sub> Goat Polyclonal  
Antigen Affinity Purified  
Catalog No. A120–212A  
Lot No. 230320

---

<b>APPLICATIONS</b>	WB, IHC, ICC, ELISA								
<b>SPECIES REACTIVITY</b>	Rabbit. Minimum reactivity to human, mouse and rat								
<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 0.09% Sodium Azide								
<b>ISOTYPE</b>	IgG								
<b>ORIGIN</b>	USA								
<b>PRODUCTION PROCEDURES</b>	<p>Antiserum was cross adsorbed using human, mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG–F(ab')<sub>2</sub> was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab')<sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed.</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 F(ab')<sub>2</sub> fragments of rabbit IgG. No antibody was detected against non–immunoglobulin serum proteins. Cross reactivity with IgA and IgM is negligible. Less than 1% cross reactivity to human, mouse and rat F(ab')<sub>2</sub> was detected. This antibody may cross react with F(ab')<sub>2</sub> fragments of 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>1:1,000 – 1:20,000</td></tr><tr><td>Immunohistochemistry</td><td>1:200 – 1:2,000</td></tr><tr><td>Immunocytochemistry</td><td>1:200 – 1:2,000</td></tr><tr><td>ELISA</td><td>1:1,000 – 1:20,000; for coating plates 1:50 – 1:250</td></tr></table>	Western Blot	1:1,000 – 1:20,000	Immunohistochemistry	1:200 – 1:2,000	Immunocytochemistry	1:200 – 1:2,000	ELISA	1:1,000 – 1:20,000; for coating plates 1:50 – 1:250
Western Blot	1:1,000 – 1:20,000								
Immunohistochemistry	1:200 – 1:2,000								
Immunocytochemistry	1:200 – 1:2,000								
ELISA	1:1,000 – 1:20,000; for coating plates 1:50 – 1:250								
<b>APPLICATION NOTES</b>	Not all listed applications have been specifically tested by our laboratory.								
<b>ADDITIONAL INFO</b>	<p><a href="https://www.fortislifesciences.com/p/A120-212A">https://www.fortislifesciences.com/p/A120-212A</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: March 21, 2023