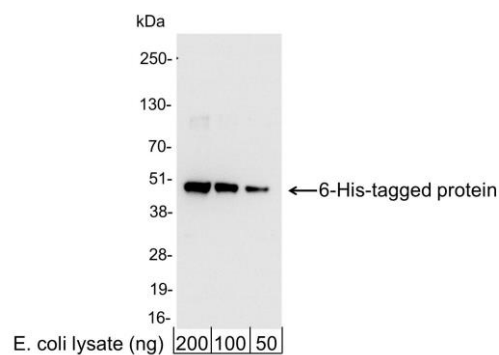


**BETHYL** | **FORTIS**  
LABORATORIES, INC. | LIFE SCIENCES

<b>APPLICATIONS</b>	WB, IHC, ICC, ELISA								
<b>AMOUNT</b>	0.1 ml								
<b>CONCENTRATION</b>	1 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 0.05% Pro-Clean 400								
<b>ISOTYPE</b>	IgG								
<b>ORIGIN</b>	USA								
<b>PRODUCTION PROCEDURES</b>	<p>Rabbits were immunized with 6-His (HHHHHH) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support and conjugated to horseradish peroxidase (HRP). This antibody does not detect all N-terminal 6-His tagged proteins.</p> <p>Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.</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>Western Blot</td><td>1:1,000 – 1:30,000</td></tr> <tr> <td>Immunohistochemistry</td><td>Not applicable</td></tr> <tr> <td>Immunocytochemistry</td><td>1:200 – 1:500</td></tr> <tr> <td>ELISA</td><td>1:10,000 – 1:100,000</td></tr> </table>	Western Blot	1:1,000 – 1:30,000	Immunohistochemistry	Not applicable	Immunocytochemistry	1:200 – 1:500	ELISA	1:10,000 – 1:100,000
Western Blot	1:1,000 – 1:30,000								
Immunohistochemistry	Not applicable								
Immunocytochemistry	1:200 – 1:500								
ELISA	1:10,000 – 1:100,000								
<b>APPLICATION NOTES</b>	Not all listed applications have been specifically tested by our laboratory.								
<b>ADDITIONAL INFO</b>	<p>Validation by Western Blot was performed using a Western Blot Gel 4–20%.</p> <p><a href="https://www.fortislife.com/p/A190-114P">https://www.fortislife.com/p/A190-114P</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: September 13, 2022

**Detection of 6-His-tagged Protein by western blot.**

*Samples:* 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. *Antibodies:* Affinity-purified, HRP-conjugated, rabbit anti-6-His antibody A190-114P used for WB at 0.04 µg/ml (1:25,000).

*Detection:* Chemiluminescence with an exposure time of 3 seconds.