

# 6-His Tag Antibody

Goat Polyclonal

Conjugate    HRP

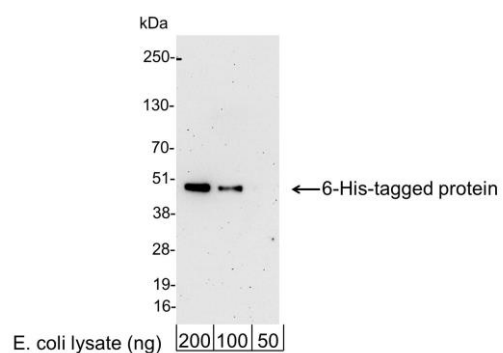
Antigen Affinity Purified

Catalog No.    A190-113P

Lot No.        27

<b>APPLICATIONS</b>	WB, 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>Goats 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>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>						
<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>1:1000 – 1:5000</td></tr><tr><td>Immunocytochemistry</td><td>1:200 – 1:500</td></tr><tr><td>ELISA</td><td>1:1000 – 1:10,000</td></tr></table>	Western Blot	1:1000 – 1:5000	Immunocytochemistry	1:200 – 1:500	ELISA	1:1000 – 1:10,000
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<b>APPLICATION NOTES</b>	<p>All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight.</p> <p>Western blots are performed using Donkey anti-Goat IgG Heavy and Light Chain Antibody (Cat. No. A50-101P).</p>						
<b>ADDITIONAL INFO</b>	<p><a href="https://www.fortislifesciences.com/p/A190-113P">https://www.fortislifesciences.com/p/A190-113P</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: February 2, 2024

**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, goat anti-6-His antibody A190-113P used for WB at 0.2 µg/ml (1:5,000).

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