

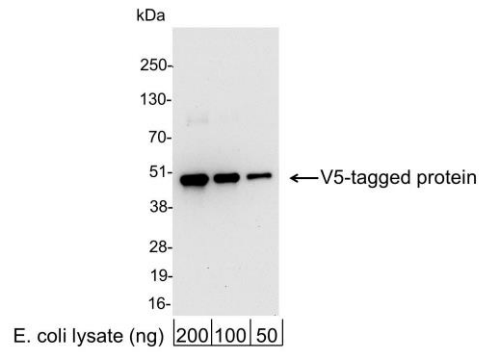
# V5 Tag Antibody

Rabbit Polyclonal  
Antigen Affinity Purified  
Conjugate HRP  
Catalog No. A190-120P  
Lot No. A190-120P-19



<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 a synthetic peptide representing amino acid residues 95 to 108 (GKPIPPLLGLDST) of RNA polymerase alpha subunit of simion virus 5 conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support and conjugated to horseradish peroxidase (HRP).</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><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
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<b>APPLICATION NOTES</b>	<p>Not all listed applications have been specifically tested by our laboratory.</p> <p>Validation by Western Blot was performed using a Western Blot Gel 4-20%.</p>								
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A190-120P">https://www.bethyl.com/product/A190-120P</a> 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.  
Eric McIntush, PhD | Chief Scientific Officer  
Date: September 11, 2019



**Detection of V5-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-V5 antibody A190-120P used for WB at 0.2  $\mu\text{g/ml}$  (1:5,000). *Detection:* Chemiluminescence with an exposure time of 30 seconds.