# V5 Tag Antibody

Goat Polyclonal

Antigen Affinity Purified

Catalog No. A190-119A

Lot No. A190-119A-4

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|---|---|
| **APPLICATIONS** | WB, IP, ICC, ELISA |
| **AMOUNT** | 0.1 ml |
| **CONCENTRATION** | 1 mg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8° C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | Goats were immunized with a synthetic peptide representing amino acid residues 95 to 108 (GKPIPNPLLGLDST) 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.<br><br>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. |
| **APPLICATIONS** | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |

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| Western Blot | 1:1,000 - 1:30,000 |
| Immunoprecipitation | 1 - 4 µg/mg lysate |
| Immunocytochemistry | 1:100 - 1:400 |
| ELISA | 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500 |

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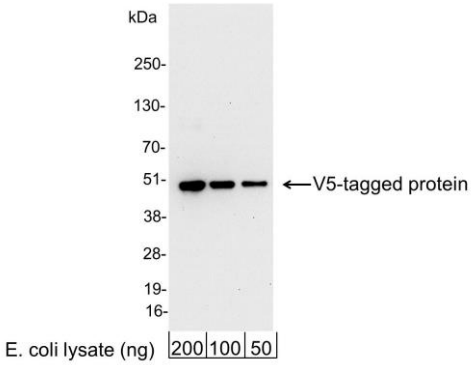
| **APPLICATION NOTES** | Not all listed applications have been specifically tested by our laboratory.<br><br>Validation by Western Blot was performed using a Western Blot Gel 4-20%. |
| **ADDITIONAL INFO** | https://www.bethyl.com/product/A190-119A<br>Use the link above to view SDS, a current list of citations, and other product specific information. |

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 3, 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, goat anti-V5 antibody A190-119A used for WB at 0.04 µg/ml (1:25,000). *Detection:* Chemiluminescence with an exposure time of 30 seconds.