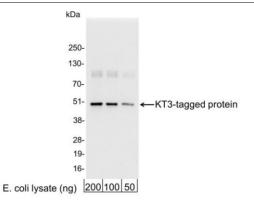
## KT3 Tag Antibody

| KT3 Tag Antibody          |       |  |  |         |
|---------------------------|-------|--|--|---------|
| Rabbit Polyclonal         |       |  |  |         |
| Antigen Affinity Purified |       |  |  |         |
| Catalog No. A190–129A     |       | 129A   |  | DETUVI  |
| Lot No.                   | A190- | 129A-1   |  |         |
| 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<br>PROCEDURES  |       | Rabbits were immunized with KT3 (KPPTPPPEPET) conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support.  |  |         |
|                           |       | 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.  |  |         |
|                           |       | 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 |
| APPLICATION NOTES         |       | Not all listed applications have been specifically tested by our laboratory.   |  |         |
| ADDITIONAL INFO           |       | Validation by Western Blot was performed using a Western Blot Gel 4–20%.<br>https://www.bethyl.com/product/A190–129A<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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



## Detection of KT3-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, rabbit anti-KT3 antibody A190-129A used for WB at 0.04  $\mu$ g/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 3 seconds.