

Mouse IgG Heavy and Light Chain Antibody

Rabbit Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A90-117P

Lot No. 23

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|------------------------------|---|
| APPLICATIONS | WB, IHC, ICC, ELISA |
| SPECIES REACTIVITY | Mouse |
| AMOUNT | 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 0.2% BSA and 0.05% Pro-Clean 400 |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP). |

Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4. Molar enzyme/antibody protein ratio is 4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG from other species.

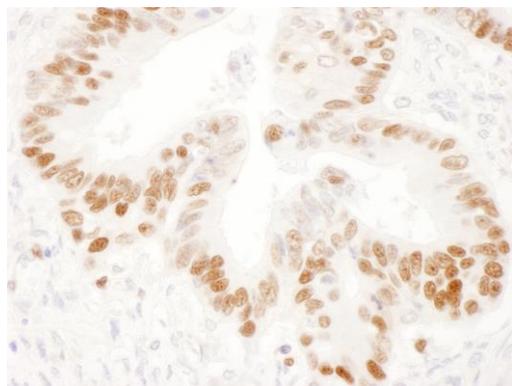
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

| | |
|----------------------|----------------------|
| Western Blot | 1:5000 – 1:50,000 |
| Immunohistochemistry | 1:50 – 1:400 |
| Immunocytochemistry | 1:50 – 1:400 |
| ELISA | 1:10,000 – 1:100,000 |

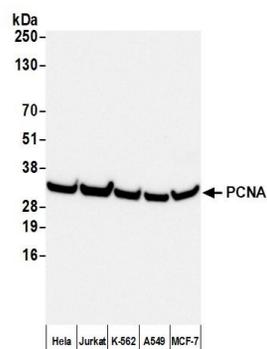
APPLICATION NOTES Not all listed applications have been specifically tested by our laboratory.

ADDITIONAL INFO <https://www.fortislife.com/p/A90-117P>
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.
Michael Spencer, PhD Date: February 6, 2024



Detection of human p53 by immunoperoxidase. *Sample:* FFPE section of human stomach carcinoma. *Primary Antibody:* mouse anti-p53 (Clone DO-1) used at a dilution of 1:100. *Secondary Antibody:* Rabbit anti-mouse IgG-heavy and light chain Antibody HRP Conjugated (A90-117P) used at a dilution of 1:100 (10µg/ml). *Detection:* DAB *Counterstain:* IHC hematoxylin (blue)



Detection of human PCNA by western blot with HRP-conjugated Rabbit anti-Mouse IgG Heavy and Light Chain Antibody. *Samples:* Whole cell lysate (50 µg) from HeLa, Jurkat, K-562, A549, and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-PCNA Monoclonal Antibody [PC10] (A500-024A) used for WB at 1:1000. *Secondary:* HRP-conjugated Rabbit anti-Mouse IgG Heavy and Light Chain Antibody (A90-117P). *Detection:* Chemiluminescence with an exposure time of 3 seconds.