

Mouse IgG Heavy and Light Chain Antibody

Goat Polyclonal

Conjugate HRP

Antigen Affinity Purified

Catalog No. A90-116P

Lot No. 47

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 1mg/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	1:40 – 1:400
Immunocytochemistry	1:50 – 1:500
ELISA	1:10,000 – 1:100,000

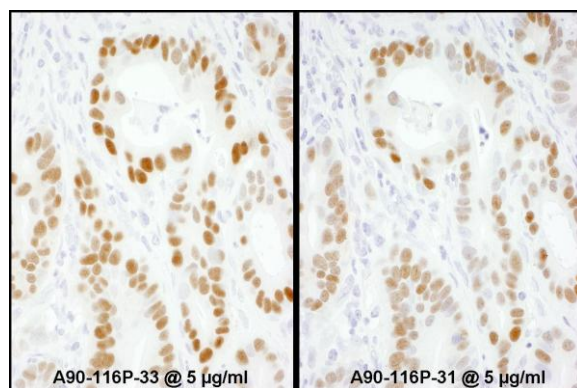
APPLICATION NOTES IHC validation was performed using Immunohistochemistry Accessory Kit (Cat. # IHC-101).

Goat anti-Mouse IgG-heavy and light chain Antibody HRP Conjugated (A90-116P Lot33) was substituted for anti-Rabbit IHC Concentrate (IHC-101D).

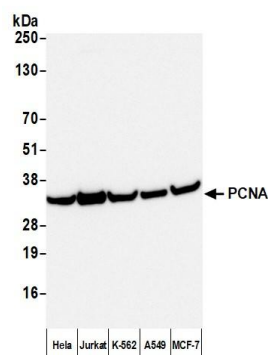
Not all listed applications have been specifically tested by our laboratory.

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: January 19, 2026



Detection of human p53 by immunoperoxidase. *Samples:* FFPE serial sections of human stomach carcinoma. *Primary Antibody:* mouse anti-p53 (Clone DO-1) used at a dilution of 1:100. *Secondary Antibody:* goat anti-mouse IgG-heavy and light chain Antibody HRP Conjugated (A90-116P) used at a dilution of 1:200 (5µg/ml). *Detection:* DAB



Detection of human PCNA by western blot with HRP-conjugated Goat 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 Goat anti-Mouse IgG Heavy and Light Chain Antibody (A90-116P). *Detection:* Chemiluminescence with an exposure time of 3 seconds.