Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody



Donkey Polyclonal Conjugate HRP

Antigen Affinity Purified Catalog No. A90-337P

Lot No. 15

APPLICATIONS WB, IHC, ICC, ELISA

SPECIES REACTIVITY Mouse. Minimum reactivity to bovine, chicken, goat, human, rabbit, rat and sheep

AMOUNT 1 ml

CONCENTRATION 0.5 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

Antiserum was cross adsorbed using bovine, chicken, goat, human, rabbit, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an

A280 of 1.4.

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. Less than 2% cross reactivity to bovine, chicken, goat,human, rabbit, rat and sheep IgG was detected. 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 1:200 - 1:5000 Immunocytochemistry 1:200 - 1:5000 ELISA 1:10,000 - 1:50,000

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

ADDITIONAL INFO https://www.fortislife.com/p/A90-337P

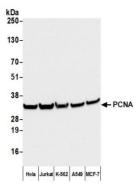
Use the link above to view SDS, a current list of citations, and other product specific information.

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

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Detection of human PCNA by western blot with HRP-conjugated Donkey anti-Mouse IgG Heavy and Light Chain Cross-Adsorbed 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 Donkey anti-Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody (A90-337P). Detection: Chemiluminescence with an exposure time of 3 seconds.