## Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody



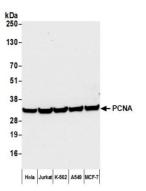
Donkey Polyclonal Antigen Affinity Purified Catalog No. A90-337A Lot No. 1

Lot No. 1	
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 0.09% Sodium Azide
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.
	Immunoglobulin concentration was determined using Beer's Law where $1 mg/mL$ 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 Blot1:1000 - 1:20,000Immunohistochemistry1:200 - 1:2,000Immunocytochemistry1:200 - 1:2,000ELISA1:1000 - 1:20,000; for coating plates 1:50 - 1:250
APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	https://www.fortislife.com/p/A90-337A 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

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.

2



Detection of human PCNA by western blot with Affinity Purified 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: Affinity Purified Donkey anti-Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody (A90-337A). Tertiary: HRP-conjugated Goat anti-Donkey IgG Heavy and Light Chain Antibody (A140-128P). Detection: Chemiluminescence with an exposure time of 10 seconds.