

Mouse IgG2a Cross-Adsorbed Antibody

Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A90-207P

Lot No. 15

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Mouse. Minimum reactivity to human and rat
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 solid phase adsorbed to ensure subclass specificity. Antiserum was cross adsorbed using human and rat immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG2a 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 1 mg/mL IgG has an A280 of 1.4.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG2a. Cross reactivity with immunoglobulins is less than 2%. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human and rat IgG2a was detected. This antibody may cross react with IgG2a from other species.

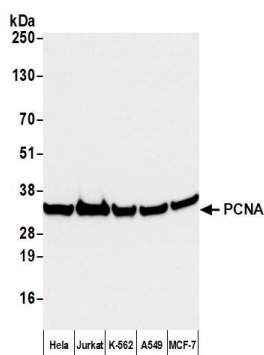
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:2,000 – 1:20,000
Immunohistochemistry	1:200 – 1:2,000
Immunocytochemistry	1:200 – 1:2,000
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/A90-207P>
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: November 22, 2024



Detection of human PCNA by western blot with HRP-conjugated Goat anti-Mouse IgG2a Cross-Adsorbed Antibody. *Samples:* Whole cell lysate (50 μ g) 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 IgG2a Cross-Adsorbed Antibody (A90-207P). *Detection:* Chemiluminescence with an exposure time of 30 seconds.