

Mouse IgG–Fc Fragment Cross–Adsorbed Antibody

F(ab')₂ Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A90–239P

Lot No. 12

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 class specificity. Antiserum was cross adsorbed using human and rat immunosorbents to remove cross reactive antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') ₂ fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were 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 IgG. Cross reactivity with IgA and IgM is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human and rat 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.

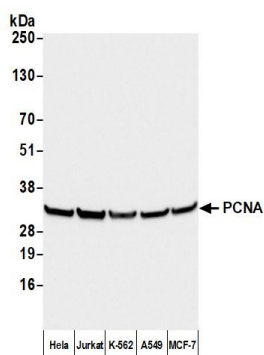
Western Blot	1:2,000 – 1:20,000
Immunohistochemistry	1:200 – 1:2,000
Immunocytochemistry	1:200 – 1:2,000
ELISA	1:10,000 – 1:50,000

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

ADDITIONAL INFO <https://www.fortislifecom.com/p/A90-239P>

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: September 17, 2024



Detection of human PCNA by western blot with HRP-conjugated F(ab')₂ Goat anti-Mouse IgG-Fc Fragment 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 F(ab')₂ Goat anti-Mouse IgG-Fc Fragment Cross-Adsorbed Antibody (A90-239P). *Detection:* Chemiluminescence with an exposure time of 1 second.