Mouse IgG2a Heavy Chain Antibody





Antigen Affinity Purified
Catalog No. A90-107B

Lot No. 14

APPLICATIONS WB, IHC, ICC, ELISA

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 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION Antiserum was solid phase adsorbed to ensure subclass specificity. The antibody was

PROCEDURES isolated by affinity chromatography using antigen coupled to agarose beads and conjugated

to biotin.

Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where

1mg/mL lgG has an A280 of 1.4.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgG2a.

Cross reactivity with other IgG subclasses, IgA and IgM is negligible.

Biotinylated antibody was demonstrated by reaction with avidin/peroxidase when coated on

microtiter wells. Working dilutions should be determined by the investigator.

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 1:10,000 - 1:200,000 Immunohistochemistry 1:250 - 1:2500

Immunocytochemistry 1:100 – 1:500

ELISA 1:10,000 - 1:200,000

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

ADDITIONAL INFO https://www.fortislife.com/p/A90-107B

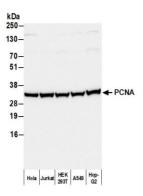
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

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Date: February 6, 2024

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Detection of human PCNA by western blot with Biotinylated Goat anti-Mouse IgG2a Heavy Chain Antibody. Samples: Whole cell lysate (50 μg) from Hela, Jurkat, HEK293T, A549, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Mouse anti-PCNA Monoclonal Antibody [PC10] (A500-024A) used for WB at 1:1000. Secondary: Biotinylated Goat anti-Mouse IgG2a Heavy Chain Antibody (A90-107B). Tertiary: HRP-conjugated Rabbit anti-Biotin Antibody (A150-109P). Detection: Chemiluminescence with an exposure time of 1 second.