Mouse IgG1 Cross-Adsorbed Antibody

Goat Polyclonal Conjugate Biotin

Antigen Affinity Purified

Catalog No. A90-205B

Lot No. 16

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 0.09% Sodium Azide
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 IgG1 was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to biotin. 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 IgG1. 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 IgG1 was detected. This antibody may cross react with IgG1 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.

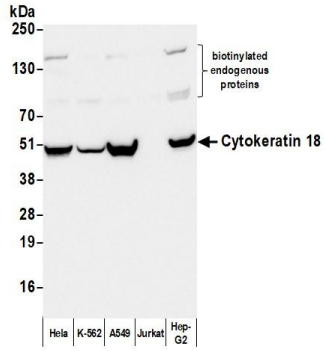
Western Blot	1:10,000 - 1:200,000
Immunohistochemistry	1:250 - 1:2500
Immunocytochemistry	1:100 - 1:500
ELISA	1:10,000 - 1:200,000

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	Please visit our website for additional product information.

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

Michael Spencer, PhD Date: January 12, 2026

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Detection of human Cytokeratin 18 by western blot with Biotinylated Goat anti-Mouse IgG1 Cross-Adsorbed Antibody. *Samples:* Whole cell lysate (50 µg) from Hela, K-562, A549, Jurkat, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Mouse anti-Cytokeratin 18 Monoclonal Antibody [LDK18] (A500-035A) used for WB at 1:1000. *Secondary:* Biotinylated Goat anti-Mouse IgG1 Cross-Adsorbed Antibody (A90-205B). *Tertiary:* HRP-conjugated Rabbit anti-Biotin Antibody (A150-109P). *Detection:* Chemiluminescence with an exposure time of 1 second.

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