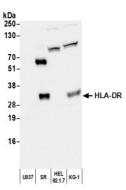
Mouse IgG2b Heavy Chain Antibody



5		LABORATORIES, INC LIFE SCIENC	ES
Goat Polyclonal		Conjugate Biotin	
Antigen Affini	ty Purifie	:d	
Catalog No. A90-1		09B	
Lot No.	14		
APPLICATIONS		WB, IHC, ICC, ELISA	
SPECIES REACTIVITY		Mouse	
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 PROCEDURES		Antiserum was solid phase adsorbed to ensure subclass specificity. The antibody 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 IgG2b. Cross reactivity to mouse IgA, IgM, IgG1, IgG2a, IgG2c, IgG3 and IgE is less than 1%. Some hybridoma clones may express aberrant immunoglobulin-related peptides that are improperly recognized by this antibody. 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 Blot1:10,000 - 1:200,000Immunohistochemistry1:250 - 1:2500Immunocytochemistry1:100 - 1:500ELISA1:10,000 - 1:200,000	
APPLICATION N	IOTES	Not all listed applications have been specifically tested by our laboratory.	
ADDITIONAL IN	IFO	https://www.fortislife.com/p/A90-109B 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

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Detection of human HLA-DR by western blot with Biotinylated Goat anti-Mouse IgG2b Heavy Chain Antibody. Samples: Whole cell lysate (50 µg) from U937, SR (5ug), HEL 92.1.7, and KG-1 cells prepared using NETN lysis buffer. Antibody: Mouse anti-HLA-DR Monoclonal Antibody [LN3] (A500-022A) used for WB at 1:1000. Secondary: Biotinylated Goat anti-Mouse IgG2b Heavy Chain Antibody (A90-109B). Tertiary: HRP-conjugated Rabbit anti-Biotin Antibody (A150-109P). Detection: Chemiluminescence with an exposure time of 3 seconds.

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