## Goat IgG-heavy and light chain cross-adsorbed Antibody

Donkey Polyclonal		Conjuga	ate Biotin		
Antigen Affinity	/ Purified				
Catalog No.	A50-201	В		BETUVI	
Lot No.	A50-201	В-9			
APPLICATIONS		WB, IHC, ICC, ELISA			
SPECIES REACTIVITY		Goat. Minimum reactivity to chicken, human, mouse, pig, rabbit 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 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antiserum was cross adsorbed using chicken, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to goat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to biotin.			
		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Biotin/antibody protein ratio is 4:1.			
		By immunoelectrophoresis and ELISA this antibody reacts specifically with goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to chicken, human, mouse, pig, rabbit and rat IgG was detected.			
		This antibody may cross react with IgG from other species.			
		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 - 1:2,500		
		Immunocytochemistry	1:100 - 1:500		
		ELISA	1:10,000 - 1:200,000		
APPLICATION NO	DTES I	Not all listed applications have been specifically tested by our laboratory.			
ADDITIONAL INF		https://www.bethyl.com/product/A50-201B 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. Brian McWilliams, PhD Date: May 19, 2021

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