## Goat IgG Heavy and Light Chain Antibody

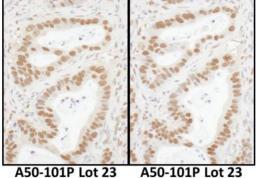


Donkey Polyclonal	Conjug			
Donkey i ofyeional	conjug	ate HRP		
Antigen Affinity Purifie				
Catalog No. A50-10				
Lot No. A50–10	01P-32			
APPLICATIONS	WB, IHC, ICC, ELISA			
SPECIES REACTIVITY	Goat			
AMOUNT	1 ml			
CONCENTRATION	1 mg/ml			
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt			
PHYSICAL STATE	Liquid			
BUFFER	Phosphate Buffered Saline (PBS) containing 0.05% Pro-Clean 400			
ISOTYPE	IgG			
ORIGIN	USA			
PRODUCTION PROCEDURES		The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).		
	Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/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.			
	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	1:5,000 - 1:50,000		
	Immunohistochemistry	1:50 - 1:500		
	Immunocytochemistry	1:50 - 1:1,000		
	ELISA	1:10,000 - 1:100,000		
APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.			
ADDITIONAL INFO	IHC validation was performed using Immunohistochemistry Accessory Kit (Cat. # IHC-101). https://www.bethyl.com/product/A50-101P 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 15, 2022

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A30-101P LOI 23 A30-101P LOI 23

Detection of human Sp1 by immunohistochemistry.

Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-Sp1 (Cat. No. A303-944A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). Secondary Antibody: donkey anti-goat IgG-heavy and light chain Antibody HRP Conjugated A50-101P Lot 23 (left) and A50-101P Lot 24 (right) used at a dilution of 1:200 (5 µg/ml). Detection: DAB

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