Goat IgG-heavy and light chain cross-adsorbed Antibody

F(ab')2 Donkey Pol Antigen Affinity Pu Catalog No. A5	
APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Goat. Minimum reactivity to chicken, human, mouse, rabbit and rat
ISOTYPE	IgG
AMOUNT	1 ml at 0.5 mg/ml
STORAGE/SHELF LIF	E 2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.05% Pro-Clean 400
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using chicken, human, mouse, 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. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to horseradish peroxidase (HRP).
	Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
	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, rabbit and rat IgG was detected.
	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 1:200 – 1:5,000
	Immunocytochemistry 1:200 – 1:5,000
	ELISA 1:10,000 - 1:100,000
APPLICATION NOTE	S Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	https://www.bethyl.com/product/A50-207P 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.Eric McIntush, PhD | Chief Scientific OfficerDate: May 23, 2019

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