Rabbit IgG Heavy and Light Chain Highly Cross-Adsorbed Antibody

Goat Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A120-501P

Lot No. 33

APPLICATIONS	IHC, ICC
SPECIES REACTIVITY	Rabbit. Minimum reactivity to human and 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 0.05% Pro-Clean 400
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using human and mouse immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG was isolated by affinity chromatography using antigen coupled to agarose beads and 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. Eliminate the streptavidin-HRP step required when using biotinylated secondary antibodies. Incubate samples with the Rabbit IgG-heavy and light chain highly cross-adsorbed IHC Antibody for the length of time used with biotinylated secondary antibodies and proceed directly to visualizing with DAB or other HRP substrate. The Rabbit IgG-heavy and light chain highly cross-adsorbed IHC Antibody improves immunohistochemical applications by reducing the processing time relative to other widely used detection systems. The use of the anti-Rabbit IHC Antibody results in sensitivity and specificity comparable to or better than the commonly used biotin-streptavidin or biotin-avidin detection systems. Non-specific binding to human and mouse tissue is neglible.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Immunohistochemistry 1:50 - 1:500 Immunocytochemistry 1:50 - 1:500
APPLICATION NOTES	For use with Formalin-Fixed Paraffin-Embedded tissues, frozen sections and cells. IHC validation was performed using Immunohistochemistry Accessory Kit (Cat. # IHC-101). A120-501P was substituted for IHC-101d.
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: April 25, 2023

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