

**KPL Biotin-Labeled
Affinity Purified Antibody
To Goat IgG (H+L)
For Immunohistochemistry
*Produced in Rabbit***

Catalog No.
5570-0009 (71-00-37)

Size
50 mL

DESCRIPTION

Affinity purified antibody, isolated from a pool of serum from rabbits immunized with purified goat IgG, was labeled with NHS-LC-LC Biotin (M.W. 567.7; 30.5 Å).

FORM/STORAGE

Liquid. Product should be stored refrigerated at 2–8°C. Product is stable for a minimum of one year at 2–8°C.

ANTIBODY CONCENTRATION

Antibody is provided as a liquid at use dilution (approximately 2 µg/mL).

STABILIZERS AND PRESERVATIVES

Bovine serum albumin is added as protein stabilizer. A proprietary biological preservative is added. Non-sterile.

SPECIFICITY/CROSS-REACTIVITY

Tested by immunoelectrophoresis, gel diffusion and ELISA techniques as applicable. This product reacts specifically with goat IgG and may recognize other immunoglobulin types that have light chains in common with IgG. Antibodies to goat IgG may cross-react with the immunoglobulins of other mammalian species if common binding sites are shared. No antibody is detectable to non-immunoglobulin serum components.

APPLICATION/USE

KPL Biotin-labeled Rabbit Anti-Goat IgG (H+L) is provided at an optimal working concentration for use with SeraCare enzyme labeled streptavidin in immunohistochemical assays. Following incubation of the sample with a mouse primary, wash slide and flood with the biotinylated antibody and incubate for 30 minutes at room temperature. After incubation, rinse the slide with wash buffer and soak slide in wash buffer for five minutes before applying enzyme-labeled streptavidin.

RELATED PRODUCTS

• UNIVERSAL KIT REAGENTS

KPL Biotin-labeled Rabbit Anti-Goat IgG (H+L) is a component of the HistoMark® Universal Streptavidin Kits for use with goat primary antibodies:

KPL Peroxidase System 5520-0026 (71-00-26)

• LABELED STREPTAVIDIN

Labeled streptavidin is also available as a separate product at working concentration:

KPL Peroxidase Streptavidin 5550-0001 (71-00-38)

KPL Phosphatase Streptavidin 5550-0002 (71-00-45)

• SUBSTRATES

SeraCare offers the following substrate kits for immunohistochemistry:

KPL TrueBlue™ HRP Substrate 5510-0030 (50-78-02)

KPL HistoMark BLACK 5510-0034 (54-75-00)

KPL HistoMark ORANGE 5510-0033 (54-74-00)

KPL HistoMark RED 5510-0036 (55-69-00)

KPL HistoMark BLUE 5510-0037 (55-70-00)

KPL HistoMark X-gal 5520-0022 (54-13-00)

KPL DAB Reagent Set 5510-0031 (54-10-00)

PRODUCT SAFETY AND HANDLING

This product is considered non-hazardous as defined by The Hazard Communication Standard (29 CFR 1910.1200). Avoid contact with skin and eyes. In case of contact or spillage, clean with copious amounts of water. Dispose of observing all Federal, State and Local laws concerning health and pollution.

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.