KPL Affinity Purified Antibody To Monkey IgG (γ)

Produced in Goat

Catalog No.	Size
5210-0216 (071-11-021)	1.0 mL

DESCRIPTION

Affinity purified antibody, isolated from a pool of monospecific antiserum from goats immunized with purified Old World Monkey IgG.

FORM/STORAGE

Liquid. Store at 2-8°C prior to opening. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20°C. Avoid multiple freeze-thaw cycles. Stable for a minimum of 1 year from date of receipt.

STABILIZER AND PRESERVATIVE

Supplied in 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2. No stabilizer added. 0.01% (w/v) sodium azide added as preservative.

ANTIBODY CONCENTRATION

The concentration of affinity purified antibody is approximately 1.0 mg/mL as determined by UV absorbance at 280 nm.

SPECIFICITY/CROSS REACTIVITY

Testing by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, monkey IgG and monkey serum. No reaction was observed against Monkey IgM or Monkey IgA. Specificity was confirmed by ELISA at less than 1% cross-reactivity against other monkey heavy or light chain isotypes. Cross reactivity will occur with closely related primates.

APPLICATIONS

Unlabeled affinity purified antibodies can be used as a primary antibody or a capture antibody in immunoassays.

SUGGESTED WORKING DILUTIONS

Optimal working concentrations should be determined experimentally. Prepare working dilution in PBS or other buffer such as KPL 10% BSA Diluent/Blocking Solution. These buffers not recommended for long term storage.

Suggested starting dilutions are as follows:
1:1000-1:15,000, depending on application.
Optimal titers should be determined in each application.

RELATED PRODUCTS	CAT. NO.
KPL 10% BSA Diluent/Blocking Solution	5140-0006 (50-61-00)
KPL 20X Wash Solution	5150-0008 (50-63-00)

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. Product may be disposed via sanitary sewer.

ORIGIN OF ANTISERA

United States

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