

KPL Affinity Purified Antibody To Monkey IgA (α) *Produced in Goat*

Catalog No.
5210-0215 (071-11-011)

Size
1.0 mL

DESCRIPTION

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

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 1 year from date of receipt.

STABILIZER AND PRESERVATIVE

Supplied in 0.1M sodium borate, 0.005M EDTA, 0.075M sodium chloride, pH 8.0. 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 280nm. Contact KPL Technical Support for lot specific protein concentration.

SPECIFICITY/CROSS REACTIVITY

Testing by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, monkey IgA and monkey serum. No reaction was observed against Monkey IgM or Monkey IgG. 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 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

KPL BSA Diluent/Blocking Solution

KPL Milk Diluent/Blocking Solution

KPL 5X Detector Block

KPL Wash Solution

CAT. NO.

5140-0006 (50-61-00)

5140-0011 (50-82-01)

5920-0004 (71-83-00)

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.