

KPL *Rhodamine*-Labeled Affinity Purified Antibody To Rabbit IgG (H+L)

Produced in Goat

Catalog No.
5230-0332 (03-15-06)

Size
0.5 mg

DESCRIPTION

Affinity purified antibody isolated from a pool of serum from goats immunized with purified rabbit IgG was labeled with tetramethyl rhodamine isothiocyanate (TRITC) using optimized conditions.

FORM/STORAGE

Lyophilized. Store at 2-8°C until rehydrated. Stable for a minimum of 1 year when stored at 2-8°C.

STABILIZER AND PRESERVATIVE

Goat serum and/or bovine serum albumin (BSA) are added as a protein stabilizer. No preservative added. Additional biological protection may be provided with 0.1% sodium azide. Non-sterile.

ANTIBODY CONCENTRATION

The concentration of affinity purified antibody is 0.5 mg as determined by UV absorbance at 280 nm.

F/P RATIO

Fluorochrome/antibody protein ratio = 3 - 7:1

SPECIFICITY/CROSS REACTIVITY

Tested by gel diffusion and ELISA techniques as applicable. This product reacts specifically with rabbit IgG and may recognize other immunoglobulin types that have light chains in common with IgG. Reactivity to IgG subclasses has not been tested. Antibodies to rabbit IgG may cross-react with immunoglobulins of other mammalian species if common binding sites are shared.

REHYDRATION AND STORAGE

Rehydration: Rehydrate with 1 mL of reagent quality water. Rotate the vial until the lyophilized pellet is totally dissolved. Dilute to desired concentration with TBS or other buffer.

Storage: This product may be stored for up to 1 week refrigerated; thereafter, it should be stored frozen. Stable for a minimum of 1 year at -20°C.

SUGGESTED WORKING DILUTIONS

Optimal working concentrations should be determined experimentally. Prepare working dilution in TBS or other buffer such as BSA or KPL Milk Diluent/Blocking Solution. These buffers not recommended for long term storage. A suggested starting dilution of 1:10 to 1:100 is recommended for most applications. In many cases, the antibody may be diluted further than indicated.

REFERENCES

1. Spector et. al. Cells: A Laboratory Manual, Vol. 2. Light Microscopy and cell structure. (1998). Cold Spring Harbor Laboratory Press, Plainview, NY. 82.1-82.7.
2. Campana, D. et. al. (1998). Double and triple staining methods for studying the proliferative activity of human B and T lymphoid cells. *J. Immunol. Methods.* 102 (1): 79-88.

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.

RELATED PRODUCTS

RELATED PRODUCTS	CAT. NO.
KPL 10% BSA Diluent/Block	5140-0006 (50-61-00)
KPL Milk Diluent/Block	5140-0011 (50-82-01)
KPL 20X Wash Solution	5150-0008 (50-63-00)
KPL Fluorescent Mounting Media	5570-0005 (71-00-16)
KPL DAPI Counterstain	5930-0006 (71-03-01)

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