

## **Fluorescein-Labeled Antibody To Deer IgG (H+L)**

### ***Produced in Rabbit***

**Catalog No.**  
**5230-0329 (02-31-06)**

**Size**  
**0.5 mg**

#### **DESCRIPTION**

Affinity purified antibody isolated from a pool of serum from rabbits immunized with purified deer IgG was labeled with fluorescein isothiocyanate.

#### **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**

Rabbit serum and/or bovine serum albumin (BSA) is 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**

The fluorescein:antibody protein ratio is between 3:1 and 7:1.

#### **SPECIFICITY/CROSS REACTIVITY**

Tested by gel diffusion and ELISA techniques as applicable. This product reacts specifically with deer 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 deer IgG may cross-react with immunoglobulins of other mammalian species if common binding sites are shared.

#### **REHYDRATION AND STORAGE**

Note: Rehydration of antibodies in TBS or buffers other than those listed here is not recommended.

**Rehydration:** Rehydrate with 1 mL of reagent quality water. Rotate the vial until the lyophilized pellet is totally dissolved.

**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 dilutions in TBS or other buffer such as 5X Detector Block or Milk/Diluent Blocking Solution (See RELATED PRODUCTS) immediately before use.

These buffers are not recommended for long term storage. A suggested starting dilution of 1:10-1:100 is recommended for most applications. In many cases, the antibody may be diluted further than indicated.

#### **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. Disposal via sanitary sewer.

#### **RELATED PRODUCTS**

#### **CAT. NO.**

|                                    |                      |
|------------------------------------|----------------------|
| KPL 5X Detector Block              | 5920-0004 (71-83-00) |
| KPL Milk Diluent/Blocking Solution | 5140-0011 (50-82-01) |
| KPL Coating Solution               | 5150-0014 (50-84-00) |
| KPL Wash Solution                  | 5150-0008 (50-63-00) |
| KPL 10% BSA Diluent/Block          | 5140-0006 (50-61-00) |