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# cappel

**PEROXIDASE-CONJUGATED GOAT AFFINITY PURIFIED  
ANTIBODY TO RABBIT IGG F(AB')<sub>2</sub> - 2ML**

**Catalog #:** 55691

**Lot #:** 40247

Total Protein: 1.73 mg/ml

Titer: 1:14,200

## DESCRIPTION:

Product is horseradish peroxidase (HRP)-conjugated goat affinity purified antibody to rabbit IgG F(ab')<sub>2</sub> and buffer salts.

Antibody and highly purified HRP ( $R_z > 3.0$ ) are conjugated under defined conditions to obtain optimally labeled product. Conjugated protein is purified by salt fractionation. The product is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.01% thimerosal, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, and vialled.

## USES:

This product is suitable for use as a reagent in enzyme immunoassays (EIA), cell and tissue staining (for light microscopy), cell and tissue labeling (for electron microscopy), and blot immunostaining. Use of affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals. (Note: F(ab')<sub>2</sub> fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

## SPECIFICATIONS:

The total protein is measured using the Biuret procedure with bovine albumin as a standard. To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with rabbit IgG. The product is tested for purity and specificity at final concentration by immunoelectrophoresis. The antibody is goat IgG; no trace of albumin is detected. It shows reactivity to rabbit F(ab')<sub>2</sub> and IgG; cross-reactivity to other species may exist. Because the product is directed against F(ab')<sub>2</sub>, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to Fc and non-immunoglobulin serum proteins is not present.

## STORAGE:

Store unopened product at 2-8°C. Store opened material no longer than 4 weeks at 2-8°C. For long term storage, aliquot and store with 40% glycerol (v/v) at -20°C.

## WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog # Description Size

55604 GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 2ML  
55624 IGG GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 5ML  
55637 F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 2ML  
55643 AFF.PUR. GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 2MG  
59299 AKP AFF.PUR. GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 1ML  
55678 HRP GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 2ML  
55687 HRP F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG F(AB')<sub>2</sub> 2ML  
55946 PURIFIED RABBIT IGG F(AB')<sub>2</sub> 10MG  
36315 DAB 6x1ML  
36317 OPD 6x1ML  
36318 TMB 6x1ML  
36319 ABTS\ 6x1ML  
55984 NORMAL GOAT SERUM 2ML

**For fluorochrome conjugates, please see our catalog.**

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Approved by Joseph Dietz, Ph.D.  
Quality Control Director

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