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# cappel

**PEROXIDASE-CONJUGATED GOAT  
AFFINITY PURIFIED F(AB')<sub>2</sub> FRAGMENT TO  
RABBIT IGG (WHOLE MOLECULE) - 1ML**

**Catalog #: 55693**

**Lot #: 06515**

Total Protein: 1.0 mg/ml

Titer: 1:20,000

## **DESCRIPTION:**

Product is horseradish peroxidase (HRP)-conjugated goat affinity purified F(ab')<sub>2</sub> fragments to rabbit IgG (whole molecule) 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 1% BSA, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, vialled, and lyophilized. No preservative is added.

## **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. F(ab')<sub>2</sub> fragments are recommended for staining of cells or tissues which contain Fc receptors.

See **Related Product Ordering Information**.

## **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 fragment is goat F(ab')<sub>2</sub>; no trace of albumin, whole molecule IgG or Fc is detected. It shows reactivity to rabbit IgG; cross-reactivity to other species may exist. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

## **RECONSTITUTION:**

Reconstitute product with 1.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Do not add sodium azide. Avoid vigorous shaking of the reconstituted material.

## **STORAGE:**

Store product at 2-8°C. Store reconstituted 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.

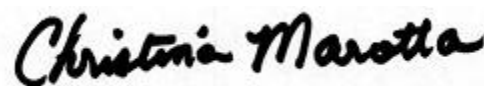
**RELATED PRODUCT ORDERING INFORMATION:**

Catalog # Description Size

55641	AFF.PUR. GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)	2MG
55644	AFF.PUR. F(AB') <sub>2</sub> GOAT ANTI-RABBIT IGG (WM)	2MG
55696	AFF.PUR. GOAT ANTI-RABBIT IGG (WM) AFF. GEL	2ML
59298	AKP AFFINITY PURIFIED GOAT ANTI-RABBIT IGG (WM)	1ML
59306	AKP AFF.PUR. F(AB') <sub>2</sub> GOAT ANTI-RABBIT IGG (WM)	1ML
55676	HRP GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)	2ML
55686	HRP F(AB') <sub>2</sub> GOAT ANTI-RABBIT IGG (WM)	2ML
55688	HRP FAB GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)	2ML
55689	HRP AFFINITY PURIFIED GOAT ANTI-RABBIT IGG (WM)	2ML
55944	PURIFIED RABBIT IGG	50MG
36315	DAB	6x1ML
36317	OPD	6x1ML
36318	TMB	6x1ML
36319	ABTS\	6x1ML
55984	NORMAL GOAT SERUM	2ML

**For unconjugated antibodies, and fluorochrome and biotin conjugates, please see our catalog.**

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**Approved by:** Christina Marotta  
Quality Control Director

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