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# cappel

## PEROXIDASE-CONJUGATED GOAT IGG FRACTION TO RABBIT IGG (WHOLE MOLECULE) - 2ML

Catalog #: 55676

Lot #: 07567

Total Protein: 13.0 mg/ml

Titer: 1:187,000

### DESCRIPTION:

Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat IgG fraction 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, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized. No preservative has been 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. (Note:  $F(ab')_2$  fragments are recommended for staining of cells or tissues which contain Fc receptors. Affinity purified antibodies or their fragments are recommended to avoid non-specific binding from inherent antibodies of host animals. See **Related Product Ordering Information** for these products.)

### SPECIFICATIONS:

The total protein is measured using the Biuret procedure with bovine albumin as the 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 predominantly goat IgG; no trace of albumin 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.

### EXPIRATION DATE:

8/31/2022

### RECONSTITUTION:

Reconstitute product with 2.0 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 lyophilized product at 2-8°C. For long-term storage, aliquot and freeze reconstituted product at -20°C or lower.

**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')2 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')2 GOAT ANTI-RABBIT IGG (WM) 1ML  
55686 HRP F(AB')2 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  
55693 HRP AFF.PUR. F(AB')2 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: *John Huang, PhD*  
Quality Control Manager

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