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cappel

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

Catalog #: 55693

Lot #: 40745

Total Protein: 2.5 mg/ml

Titer: 1:19,800

DESCRIPTION:

Product is horseradish peroxidase (HRP)-conjugated goat affinity purified F(ab')₂ 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 0.01% thimerosal, adjusted to standard titer, filtered through a 0.22 μ 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. F(ab')₂ 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')₂; 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.

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:

<u>Catalog #</u>	<u>Description</u>	<u>Size</u>
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
55676	HRP GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)	2ML
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
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.

ABTS is a registered trademark of Boehringer Mannheim GmbH.


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

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OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**