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cappel

PEROXIDASE-CONJUGATED GOAT F(AB')₂ FRAGMENT TO HUMAN IGG FC - 2ML

Catalog #: 55246

Lot #: 06884

Total Protein: 13.1 mg/ml

Titer: 1: 79,000

DESCRIPTION:

Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat F(ab')₂ fragment to human IgG Fc and buffer salts.

Antibody fragments 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 μ 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. Use of F(ab')₂ fragments is recommended for staining of cells or tissues which contain Fc receptors. (Note: Affinity purified antibodies are recommended to avoid non-specific binding from the 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 human 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 human Fc and IgG; cross-reactivity to other species may exist. Antibody activity to Fab, IgA, IgM, or non-immunoglobulin serum proteins is not present.

EXPIRATION DATE:

1/31/2018

DILUTION RECCOMENDATIONS:

1:500 - 1:4,000 for Tissue Staining

1:1,000 - 1:8,000 for Immuno Blotting

1:2,000 - 1:16,000 for ELISA/FIA

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.

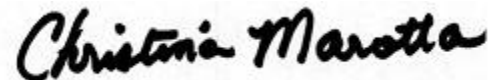
RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

55095	GOAT ANTI-HUMAN IGG FC	2ML
55014	IGG GOAT ANTI-HUMAN FC	5ML
55053	F(AB') ₂ GOAT ANTI-HUMAN IGG FC	2ML
55071	AFF.PUR. GOAT ANTI-HUMAN IGG FC	2MG
59289	AKP AFF.PUR. GOAT ANTI-HUMAN IGG FC	1ML
55226	HRP GOAT ANTI-HUMAN IGG FC	2ML
55253	HRP AFF.PUR. GOAT ANTI-HUMAN IGG FC	2ML
55911	PURIFIED HUMAN IGG FC	10MG
36315	DAB	6x1ML
36317	OPD	6x1ML
36318	TMB	6x1ML
36319	ABTS\	6x1ML
55984	NORMAL GOAT SERUM	2ML

For fluorochrome conjugates, and antisera to human IgG subclasses, please see our catalog.

ABTS is a registered trademark of Boehringer Mannheim GmbH.



Approved by: Christina Marotta
Quality Control Director

**TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**