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cappel

**ALKALINE PHOSPHATASE-CONJUGATED GOAT
AFFINITY PURIFIED ANTIBODY TO HUMAN IGG**

FC - 1 ML

Catalog #: 59289

Lot #: 06259

Titer: 1:20,000

Conjugate Protein: 7.5 mg/ml

DESCRIPTION:

Product is alkaline phosphatase (AKP)-conjugated goat affinity purified antibody to human IgG Fc and buffer salts.

Antibody and highly purified calf-intestine alkaline phosphatase are conjugated under defined conditions to obtain optimally labeled product. Conjugated protein is purified by gel filtration. The product is dialyzed into 0.03M TRIS, 0.14M sodium chloride, pH 8.0, with 1% bovine albumin and 0.05% sodium azide, adjusted to standard titer 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')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

SPECIFICATIONS:

To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with human IgG. The antibody is tested for purity at 10 mg/ml by immunoelectrophoresis. The antibody is goat IgG; no trace of albumin is detected. It shows reactivity to human Fc and IgG; cross-reactivity to other species may exist. Antibody activity to IgA, IgM, Fab, or 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:

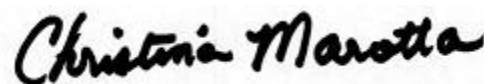
This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

RELATED PRODUCT ORDERING INFORMATION:

<u>Catalog #</u>	<u>Description</u>	<u>Size</u>
55095	GOAT ANTI-HUMAN IGG FC	2ML
55014	IGG GOAT ANTI-HUMAN IGG FC	5ML
55053	F(AB') ₂ GOAT ANTI-HUMAN IGG FC	2ML
55071	AFF.PUR. GOAT ANTI-HUMAN IGG FC	2MG
55226	HRP GOAT ANTI-HUMAN IGG FC	2ML
55246	HRP F(AB') ₂ GOAT ANTI-HUMAN IGG FC	2ML
55253	HRP AFF.PUR. GOAT ANTI-HUMAN IGG FC	2ML
55911	PURIFIED HUMAN IGG FC	10MG
55984	NORMAL GOAT SERUM	2ML

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



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.**