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TECHNICAL INFORMATION

cappel

Catalog Number: 55554

Peroxidase-Conjugated Goat IgG Fraction To Mouse IgG Fc

DESCRIPTION: Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat IgG fraction to mouse IgG Fc 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 μm filter, vialled and lyophilized.

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 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 mouse 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 mouse IgG Fc; cross-reactivity to other species may exist. Antibody activity to $F(ab')_2$, IgA, IgM, or non-immunoglobulin serum proteins is not present.

RECONSTITUTION: Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55439 GOAT ANTI-MOUSE IGG FC2ML
55459 IGG GOAT ANTI-MOUSE IGG FC 5ML
55472 F(AB')₂ GOAT ANTI-MOUSE IGG FC2ML
55482 AFF.PUR. GOAT ANTI-MOUSE IGG FC2MG
59297 AKP AFF.PUR. GOAT ANTI-MOUSE IGG FC1ML
55561 HRP F(AB')₂ GOAT ANTI-MOUSE IGG FC2ML
55566 HRP AFFINITY PURIFIED GOAT ANTI-MOUSE IGG FC2ML
36315 DAB6x1ML
36317 OPD6x1ML
36318 TMB6x1ML
36319 ABTS\6x1ML
55984 NORMAL GOAT SERUM2ML
40030BOSERAL PUR10GM

ABTS is a registered trademark of Boehringer Mannheim GmbH.

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working](#)

[dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)