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TECHNICAL INFORMATION

Catalog Number: 55233

Peroxidase-Conjugated Goat IgG Fraction To Human Kappa Chain (Bound)

DESCRIPTION: Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat IgG fraction to human kappa light chain (bound) 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 μ m 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.

See **Related Product Ordering Information**.

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 kappa Fab. 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 human kappa Fab; cross-reactivity to other species may exist. Because the product is directed against the kappa chains in Fab, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to free kappa light chains may be present. Antibody activity to human lambda Fab, free lambda light chains, 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. Do not add sodium azide. Avoid vigorous shaking of the reconstituted material.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55104 (01010242)RABBIT ANTI-HUMAN KAPPA CHAIN (BOUND)2ML
55024 (02010242)IGG RABBIT ANTI-HUMAN KAPPA CHAIN (BOUND)5ML
36315 (50299)DAB6x1ML
36317 (50301)OPD6x1ML
36318 (50302)TMB6x1ML
36319 (50303)ABTS\6x1ML
55984 (50061380)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.