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TECHNICAL INFORMATION

Catalog Number: 55776

Peroxidase-Conjugated Sheep IgG Fraction To Rat Albumin

DESCRIPTION: Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated sheep IgG fraction to rat albumin 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.

SUGGESTED WORKING DILUTIONS:

1:500 - 1:4,000 for Tissue Staining
1:1,000 - 1:8,000 for Immunoblotting
1:2,000 - 16,000 for Elisa

It is recommended that each lab obtain their own optimal working dilution for each assay.

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 rat albumin. The product is tested for purity and specificity at final concentration by immunoelectrophoresis. The antibody is predominantly sheep IgG; no trace of albumin is detected. It shows reactivity to rat albumin; cross-reactivity to other species may exist. Antibody activity to other 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

55712SHEEP ANTI-RAT ALBUMIN2ML
55729IGG SHEEP ANTI-RAT ALBUMIN 5ML
55952PURIFIED RAT ALBUMIN25MG
36315DAB6x1ML
36317OPD6x1ML
36318TMB6x1ML
36319ABTS\6x1ML
55992NORMAL SHEEP SERUM2ML

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.](#)