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TECHNICAL INFORMATION

cappel

Catalog Number: 56984

Goat Affinity Purified Antibody To Hamster IgG (Whole Molecule)

DESCRIPTION: Product is goat affinity purified antibody to hamster IgG (whole molecule) and buffer salts.

The affinity purified antibody is prepared from the specific goat IgG fraction by solid phase absorption. The resulting affinity purified antibody 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, and vialled.

USES: This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers, and for attachment to solid supports for use as an immunoadsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining. These affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals.

See **Related Product Ordering Information**.

SUGGESTED WORKING DILUTIONS:

1:50 - 1:200 for Tissue Staining

1:100 - 1:500 for Immunoblotting

1:400 - 2,000 for Elisa

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

SPECIFICATIONS: The total protein is measured by absorbance (A_{280nm}). Antibody titer is standardized by equivalence-point precipitation. Each affinity purified antibody is tested for purity at 10 mg/ml using immunoelectrophoresis. The product is goat IgG; no trace of albumin is detected. It shows reactivity to hamster IgG; cross-reactivity to other species may exist. Because the antibody is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55394GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML

55397IGG GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)5ML

55400FITC GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML

55402HRP GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML

55933PURIFIED HAMSTER IGG20MG

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.](#)