



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
mailto: biotech@mpbio.com
web: <http://www.mpbio.com>

TECHNICAL INFORMATION

cappel

Catalog Number: 55080

Goat Antiserum To Human Secretory IgA

DESCRIPTION: Product is the lyophilized powder of goat antiserum to human secretory IgA and buffer salts.

The antiserum is prepared by hyperimmunizing goats with highly purified human secretory IgA; antiserum is delipidated and made specific by solid-phase absorption. The resulting antiserum 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 precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

(Note: IgG fractions are suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers and for attachment to solid supports for use as an immunoabsorbant. F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

SUGGESTED WORKING DILUTIONS:

1:50 - 1:200 for Tissue Staining

1:100 - 1:500 for Immunoblotting

1:400 - 1:2,000 for Elisa

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

SPECIFICATIONS: The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized by equivalence-point precipitation. Each antiserum is tested for specificity at a minimum of 80 mg/ml using immunoelectrophoresis. It shows reactivity to human secretory IgA; cross-reactivity to other species may exist. Antibody activity to human IgG, 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

55001 (02010011)IGG GOAT ANTI-HUMAN SECRETORY IGA5ML

55046 (03010011)F(AB')₂ GOAT ANTI-HUMAN SECRETORY IGA2ML

55905 (60010010)PURIFIED HUMAN SECRETORY IGA5MG

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.](#)