



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: 55246

Peroxidase-Conjugated Goat F(ab')₂ Fragment To Human IgG Fc

Description: Product is the lyophilized powder of horseradish peroxidase (HRP)-conjugated goat F(ab')₂ fragment to human IgG Fc. The product is in 0.01M sodium phosphate, 0.25M NaCl, pH 7.6, 15 mg/ml bovine serum albumin and 0.01% thimerosal as preservatives.

The antibody was isolated from antisera by a combination of pepsin digestion and immunoaffinity chromatography using antigens coupled to agarose beads. Fc fragments and whole IgG molecules have been removed.

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. Use of F(ab')₂ fragments is recommended for staining of cells or tissues which contain Fc receptors.

Note: Affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals. See Related Product Ordering Information for these products).

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.

Specifications: Based on Immunoelectrophoresis: The antibody reacts with the heavy chains on human IgG but not with the light chains on most human immunoglobulins. No antibody was detected against human IgM, IgA or against non-immunoglobulin serum proteins, but antibodies may cross-react with immunoglobulins from other species.

Suggested Working Dilution:

- 1:250 - 1:4,000 Tissue Staining
- 1:2,000 - 1:16,000 ELISA and Western Blots

Related Product Ordering Information:

Catalog #Description Size

55095 Goat Anti-Human IgG Fc 2 ml
55014 IgG Goat Anti-Human Fc 5 ml
55053 F(ab')₂ Goat Anti-Human IgG Fc 2 ml
55071 Affinity Purified Goat Anti-Human IgG Fc 2 mg
59289 AKP Affinity Purified Goat Anti-Human IgG Fc 1 ml
55226 HRP Goat Anti-Human IgG Fc 2 ml
55253 HRP Affinity Purified Goat Anti-Human IgG Fc 2 ml
55911 Purified Human IgG Fc 10 mg
36315 DAB 6x1 ml
36317 OPD 6x1 ml
36318 TMB 6x1 ml
36319 ABTS 6x1 ml
55984 Normal Goat Serum 2 ml

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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.](#)