



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

Catalog Number: 55693

Peroxidase-Conjugated Goat Affinity Purified F(ab')₂ Fragment To Rabbit IgG (Whole Molecule)

DESCRIPTION: Product is horseradish peroxidase (HRP)-conjugated goat affinity purified F(ab')₂ fragments to rabbit IgG (whole molecule) 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, and vialled.

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 affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals. F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors.

See **Related Product Ordering Information**.

SPECIFICATIONS: The total protein is measured using the Biuret procedure with bovine albumin as a standard. To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with rabbit IgG. The product is tested for purity and specificity at final concentration by immunoelectrophoresis. The fragment is goat F(ab')₂; no trace of albumin, whole molecule IgG or Fc is detected. It shows reactivity to rabbit IgG; cross-reactivity to other species may exist. Because the product 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

55641 AFF.PUR. GOAT ANTI-RABBIT IGG (WHOLE MOLECULE) 2MG
55644 AFF.PUR. F(AB')₂ GOAT ANTI-RABBIT IGG (WM)2MG
55696 AFF.PUR. GOAT ANTI-RABBIT IGG (WM) AFF. GEL2ML
59298 AKP AFFINITY PURIFIED GOAT ANTI-RABBIT IGG (WM)1ML
59306 AKP AFF.PUR. F(AB')₂ GOAT ANTI-RABBIT IGG (WM)1ML
55676 HRP GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)2ML
55686 HRP F(AB')₂ GOAT ANTI-RABBIT IGG (WM)2ML
55688 HRP FAB GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)2ML
55689 HRP AFFINITY PURIFIED GOAT ANTI-RABBIT IGG (WM)2ML
55944 PURIFIED RABBIT IGG50MG
36315 DAB 6x1ML
36317 OPD6x1ML
36318 TMB6x1ML
36319 ABTS\6x1ML
55984 NORMAL GOAT 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.](#)