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TECHNICAL INFORMATION

Catalog Number: 55691

Peroxidase-Conjugated Goat Affinity Purified Antibody To Rabbit IgG F(ab')₂

DESCRIPTION: Product is horseradish peroxidase (HRP)-conjugated goat affinity purified antibody to rabbit IgG F(ab')₂ 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. (Note: F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

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 antibody is goat IgG; no trace of albumin is detected. It shows reactivity to rabbit F(ab')₂ and IgG; cross-reactivity to other species may exist. Because the product is directed against F(ab')₂, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to Fc and non-immunoglobulin serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55604GOAT ANTI-RABBIT IGG F(AB')₂22ML
55624IGG GOAT ANTI-RABBIT IGG F(AB')₂ 5ML
55637F(AB')₂ GOAT ANTI-RABBIT IGG F(AB')₂22ML
55643AFF.PUR. GOAT ANTI-RABBIT IGG F(AB')₂22MG
59299AKP AFF.PUR. GOAT ANTI-RABBIT IGG F(AB')₂ 1ML
55678HRP GOAT ANTI-RABBIT IGG F(AB')₂ 2ML
55687HRP F(AB')₂ GOAT ANTI-RABBIT IGG F(AB')₂ 2ML
55946PURIFIED RABBIT IGG F(AB')₂ 10MG
36315DAB 6x1ML
36317OPD6x1ML
36318TMB6x1ML
36319ABTS\6x1ML
55984NORMAL 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.](#)