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F(ab')2 Anti-Rabbit IgG F(ab')2 (Peroxidase Conjugated) Pre-Adsorbed Secondary Antibody

Goat Polyclonal, Peroxidase (Horseradish)
Catalog # ASR2528

Product Information

Description	F(ab')2 Anti-RABBIT IgG F(ab')2 (GOAT) Antibody Peroxidase Conjugated Min X Bv Hs Hu Ms Rt & Sh Serum Proteins
Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Rabbit
Reactivity	Rabbit
Clonality	Polyclonal
Application	WB
Physical State	Lyophilized
Host Isotype	IgG F(ab')2
Target Isotype	IgG F(ab')2
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Anti-Rabbit IgG F(ab')2 Antibody was produced in goat by repeated immunization with Rabbit IgG F(ab')2 fragment.
Reconstitution Volume	500 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Additional Information

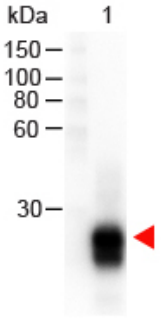
Shipping Condition	Ambient
Application Note	Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.
Purity	Anti-Rabbit IgG F(ab')2 Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG, Rabbit IgG F(ab')2 and Rabbit Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rabbit IgG F(c) or Bovine, Horse, Human, Mouse, Rat and Sheep Serum Proteins.
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and

	thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

F(ab')2 Rabbit IgG F(ab')2 Antibody Peroxidase Conjugated (Pre-Adsorbed) detects F(ab')2 fragments. These fragments were generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)2 fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)2 fragments penetrate into tissue samples and show better antigen recognition and signal generation in IHC. F(ab)2 fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')2 Rabbit IgG F(ab')2 Antibody Peroxidase Conjugated (Pre-Adsorbed) is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.

Images



Western Blot of Goat anti-F(ab')2 Rabbit IgG F(ab')2 Antibody Peroxidase Conjugated (Pre-Adsorbed). Lane 1: Rabbit IgG F(ab')2. Lane 2: none. Load: 100 ng per lane. Secondary antibody: F(ab')2 Rabbit IgG F(ab')2 Antibody Peroxidase Conjugated (Pre-Adsorbed) at 1:1,000 for 60 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Rabbit IgG F(ab')2.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.