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Goat anti-Rabbit IgG (F(ab')2 Region) Antibody (HRP)

Microscopy (IEM)



Image



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Overview	
Quantity:	500 μg
Target:	IgG
Binding Specificity:	F(ab')2 Region
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron

Product Details

Immunogen:	Anti-Rabbit IgG F(ab')2 Antibody was produced in goat by repeated immunization with Rabbit IgG F(ab')2 fragment. Immunogen Type: Native Protein
Fragment:	F(ab')2 fragment
Specificity:	F(ab')2 Rabbit IgG F(ab')2 Antibody Peroxidase Conjugated Pre-Adsorbed detects F(ab')2 fragments.
Characteristics:	F(ab')2 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.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Rabbit F(ab')2 Antibody, Gt-a-Rabbit F(ab')2 conjugated, Rabbit F(ab')2 Peroxidase Antibody in goat, Rabbit F(ab')2 Peroxidase conjugated F(ab')2 Secondary Antibody.

Application Details

Application Notes:	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.
Restrictions:	For Research Use only

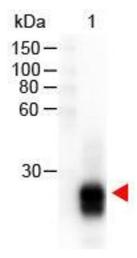
Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 500 μL
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C/-20 °C

Handling

Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months

Images



Western Blotting

Image 1. 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: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Rabbit IgG F(ab')2.