

Datasheet for ABIN965224

**Goat anti-Rabbit IgG (F(ab')₂ Region) Antibody (Biotin) -
Preadsorbed**[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Immunogen: Anti-Rabbit IgG F(ab') ₂ fragment was produced by repeated immunization with Rabbit IgG whole molecule in goat. Immunogen Type: Native Protein
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum, Rabbit IgG and Rabbit Serum.
Cross-Reactivity:	Rabbit
Characteristics:	F(ab') ₂ anti-Rabbit IgG antibody generated in goat detects specifically Rabbit IgG whole molecule. This secondary antibody anti-Rabbit is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally

Product Details

immunoassays.

Purification: Preadsorption: Solid phase absorption

Labeling Ratio: 10-20

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Goat F(ab')₂ Anti-Rabbit IgG biotin conjugated Antibody, Goat Fab2 Anti-Rabbit IgG Antibody biotin Conjugation

Background: F(ab')₂ anti-Rabbit IgG antibody generated in goat detects specifically Rabbit IgG whole molecule. This secondary antibody anti-Rabbit is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000
Application Note: F(ab')₂ anti-Rabbit IgG is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
ELISA Dilution: 1:20,000 - 1:100,000
Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 500 µL
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Handling

Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

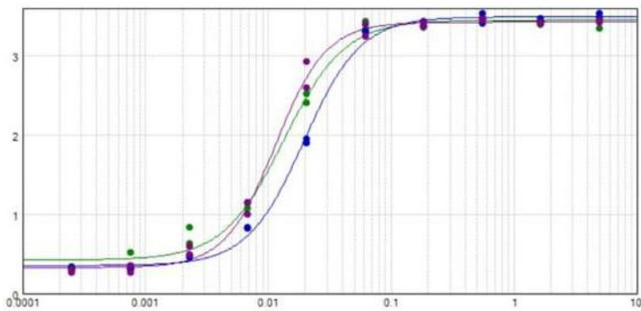
Handling Advice: Aliquot to Avoid repeated freezing and thawing.

Storage: RT, 4 °C, -20 °C

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



ELISA

Image 1. ELISA results of purified Goat F(ab')₂ Anti-Rabbit IgG Antibody Biotin Conjugated Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins tested against purified Rabbit IgG (Purple Line). Each well was coated in duplicate with 1.0 µg of Rabbit IgG. The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log₁₀ of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC₅₀ is defined as the titer of the antibody. Assay performed using Blocking buffer , Streptavidin-HRP conjugated , and TMB substrate .