

Datasheet for ABIN101830

Goat anti-Mouse IgG (F(ab')₂ Region) Antibody (HRP)[Go to Product page](#)**1** Publication

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	F(ab') ₂ Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Purpose:	Mouse IgG F(ab') ₂ Antibody Peroxidase Conjugated
Immunogen:	Optional[Immunogen]: Mouse IgG F(ab') ₂ fragment
Isotype:	IgG
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Mouse IgG, Mouse IgG F(ab') ₂ and Mouse Serum. No reaction was observed against Mouse IgG F(c).
Characteristics:	Anti-Mouse IgG F(c) generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH.
Purification:	Anti-MOUSE IgG F(ab') ₂ (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid

Product Details

phase adsorption(s) to remove any unwanted reactivities.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	MOUSE IgG F(ab') ₂ (GOAT) Antibody is generated in goat detects specifically Mouse IgG F(ab') ₂ fragment. This secondary antibody anti-Mouse is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Anti-Mouse IgG F(ab') ₂ antibody is ideal for investigators involved in serum protein component research.

Application Details

Application Notes:	Application Note: Anti-MOUSE IgG F(ab') ₂ Peroxidase Conjugated Antibody has been tested by ELISA and 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. Immunohistochemistry Dilution: 1:500 - 1:2,500 Western Blot Dilution: 1:1,000 - 1:5,000 ELISA Dilution: 1:10,000 - 1:50,000 Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 1.0 mL
Concentration:	2.0 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 , Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C,-20 °C

Storage Comment: 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.

Expiry Date: 12 months

Publications

Product cited in: Pühler, Willuda, Puhmann, Mumberg, Römer-Oberdörfer, Beier: "Generation of a recombinant oncolytic Newcastle disease virus and expression of a full IgG antibody from two transgenes." in: **Gene therapy**, Vol. 15, Issue 5, pp. 371-83, (2008) ([PubMed](#)).