Datasheet for ABIN5633227

Goat IgG Isotype Control

2 Images

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Overview

Quantity:	10 mg
Target:	IgG
Host:	Goat
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Isotype:	IgG
Cross-Reactivity (Details):	Goat IgG whole molecule assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat IgG and anti-Goat Serum.
Purification:	Goat IgG whole molecule was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

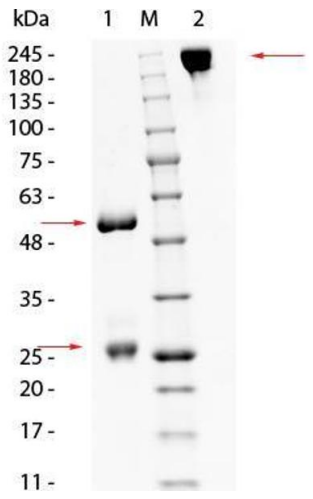
Application Notes:	Immunohistochemistry Dilution: User Optimized Application Note: Goat IgG whole molecule can be utilized as a control or standard reagent in

Application Details

	Western Blotting and ELISA experiments. Western Blot Dilution: User Optimized ELISA Dilution: User Optimized
Restrictions:	For Research Use only

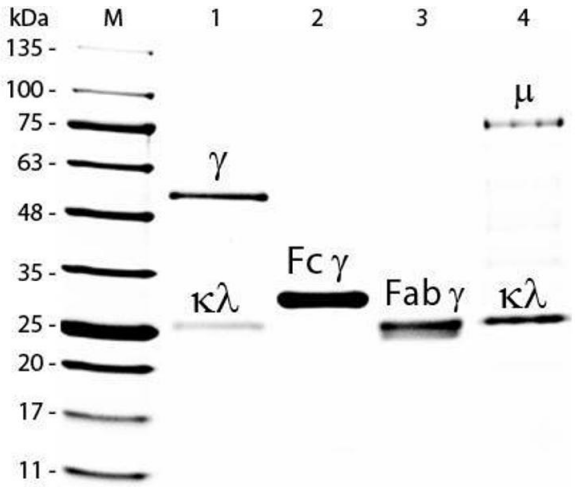
Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	10 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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. Goat IgG whole molecule is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months



SDS-PAGE

Image 1. SDS-PAGE of Goat IgG Whole Molecule. Lane 1: Reduced Goat IgG Whole Molecule. Lane 2: 3 µL OPAL Pre-stained Marker . Lane 3: Non-reduced Goat IgG Whole Molecule. Load: 1 µg per lane. Predicted/Observed size: Non-reduced at 160 kDa/observed at 180-200 kDa; Reduced at 55, 25 kDa. Non-reduced migrates at slightly higher molecular weight.



SDS-PAGE

Image 2. SDS-PAGE of Goat IgG Whole Molecule . Lane M: 5 µL Opal Prestained Marker . Lane 1: Reduced Goat IgG Whole Molecule . Lane 2: Reduced Goat IgG F(c) Fragment . Lane 3: Reduced Goat IgG F(ab) Fragment . Lane 4: Reduced Goat IgM Whole Molecule . Load: 1 µg for IgG, F(c) and F(ab); 3 µg for IgM. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.