Datasheet for ABIN5633228

Goat IgG Isotype Control

1 Image

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Overview

Quantity:	1 mg
Target:	IgG
Host:	Goat
Application:	Isotype Control (IsoC)

Product Details

Isotype:	IgG
Fragment:	F(ab')2 fragment
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, anti-Goat IgG and anti-Goat IgG F(ab')2. No reaction was observed against anti-Goat IgG F(c) or anti- Pepsin.
Purification:	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above.
Sterility:	Sterile filtered

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

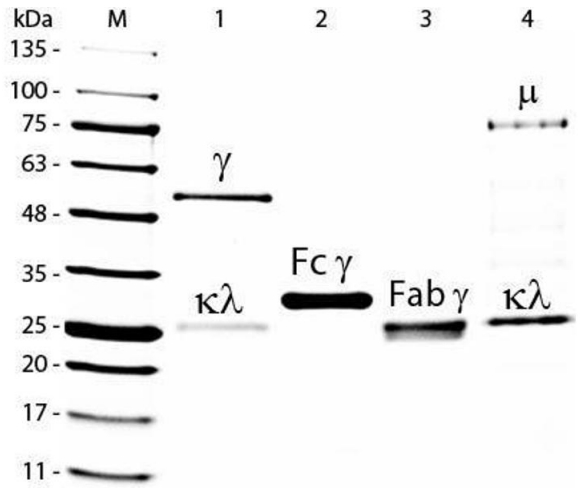
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 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 opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Goat IgG F(ab')2 Fragment . 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')2 Fragment . Lane 4: Reduced Goat IgM Whole Molecule . Load: 1 µg for IgG, F(c) and F(ab')2; 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.