Datasheet for ABIN964452

Human IgG Isotype Control

2 Images

Go to Product page

Overview

Quantity:	1 mg
Target:	IgG
Host:	Human
Antibody Type:	Native
Application:	Isotype Control (IsoC)

Product Details

Isotype:	IgG
Fragment:	Fc fragment
Characteristics:	Human IgG Fc purified protein is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of Human IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity. Concentration Definition: by UV absorbance at 280 nm
Purification:	Purified

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

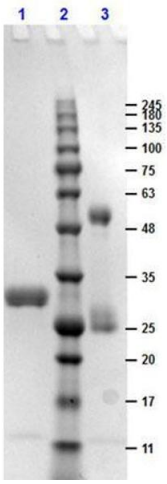
Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

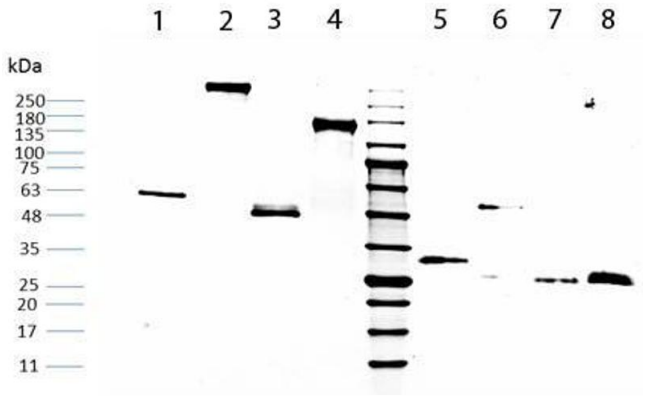
Format:	Liquid
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C

Images



SDS-PAGE

Image 1. SDS-PAGE results of Human IgG F(c) Fragment. Lane 1: reduced Human IgG F(c) Fragment. Lane 2: Opal Prestained Molecular Weight Ladder . Lane 3: non-reduced Human IgG F(c) Fragment. Load: 1µg. 4-20% Lonza SDS-PAGE; Coomassie Stained; BioRad ChemiDoc Imaged.



SDS-PAGE

Image 2. SDS-PAGE of Human IgG Fc. Lane 1: Non-reduced Human IgG Fc Lane 2: Non-reduced Human IgG Whole Molecule Lane 3: Non-reduced Human IgG Fab Fragment Lane 4: Non-reduced Human IgG F(ab')2 Fragment. Middle Lane: 5µL OPAL Pre-stained Marker MB-210-0500. Lane 5: Reduced Human IgG Fc Lane 6: Reduced Human IgG Whole Molecule Lane 7: Reduced Human IgG Fab Fragment Lane 8: Reduced Human IgG F(ab')2 Fragment. Load: 1µg per lane. Human IgG Whole Molecule, Human IgG Fab Fragment and Human IgG F(ab')2 Fragment ran as controls. Predicted/Observed size: Non-reduced at 50 kDa, reduced at 25 kDa/Non-reduced at 55-60 kDa, reduced at 30-33 kDa.