

Datasheet for ABIN398849

Human IgG isotype control (FITC)[Go to Product page](#)**2** Publications

Overview

Quantity:	0.5 mg
Target:	IgG
Host:	Human
Conjugate:	FITC
Application:	Isotype Control (IsoC), Blocking Reagent (BR)

Product Details

Isotype:	IgG
Characteristics:	<p>Purified Human IgG (Whole Molecule) Control [FITC] is highly purified from normal human serum through Protein G chromatography. It is suitable to be used as control, standard, blocking agent, or coating protein in a variety of assays, including ELISA, immunoblotting (Dot blot and Western blot), immunoprecipitation, immunodiffusion, and immunoelectrophoresis. It may also be used as antigen or ligand in immunochemical conjugation reaction.</p> <p>Absorption Wavelength: 492 nm, Emission Wavelength: 518 nm, Fluorochrome/Protein Ratio: 4.1 moles FITC per mole of IgG</p>
Purification:	Protein G chromatography

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.
Comment:	Excitation/Emission wavelength: 494 nm/514 nm
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 1 % BSA and 0.02 % sodium azide
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.
Handling Advice:	Avoid repeated freezing and thawing. Product is photosensitive and should be protected from light.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20 °C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8 °C. For long term storage, aliquot and store at -20 °C or below.

Publications

Product cited in:	Tomita, Fuchimoto, Mori, Kato, Uemura, Handa, Tazawa, Ohdan, Okamoto, Kuroda: "Production of anti-ABO blood group antibodies after minor ABO-incompatible bone marrow transplantation in NOD/SCID/gamma(c)(null) mice." in: Clinical transplantation , Vol. 27, Issue 6, pp. E702-8, (2013) (PubMed).
	Lim, Kim, Aref, Kamm, Raghunath: "Complementary effects of ciclopirox olamine, a prolyl hydroxylase inhibitor and sphingosine 1-phosphate on fibroblasts and endothelial cells in driving capillary sprouting." in: Integrative biology : quantitative biosciences from nano to macro , Vol. 5, Issue 12, pp. 1474-84, (2013) (PubMed).

