



Datasheet for ABIN1536459 Human IgG Isotype Control



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2 Publications

Overview

Quantity:	4 mg
Target:	IgG
Host:	Human
Application:	Isotype Control (IsoC), ELISA, Western Blotting (WB), Immunoprecipitation (IP), Dot Blot (DB), Immunoelectrophoresis (IEP), Immunodiffusion (ID)

Product Details

Isotype:	IgG
Characteristics:	Purified Human IgG (Whole Molecule) Control is purified from normal human serum through Protein G chromatography. Purified Human IgG (Whole Molecule) Control can be used as control, standard, blocking agent, or coating protein in a variety of assays, including ELISA, immunoblotting (Western and Dot blots), immunoprecipitation, immunodiffusion, and immunoelectrophoresis. It may also be used as antigen or ligand in immunochemical conjugation reactions.
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.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 4 mg/mL.
Concentration:	4 mg/mL
Buffer:	PBS, pH 7.4, containing 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 cycles.
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:	Wen, He, Lee: "Specific antibody immobilization with biotin-poly(L-lysine)-g-poly(ethylene glycol) and protein A on microfluidic chips." in: Journal of immunological methods , Vol. 350, Issue 1-2, pp. 97-105, (2009) (PubMed).
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