Datasheet for ABIN964355

Rabbit IgG Isotype Control

4 Publications

Go to Product page

Overview

Quantity:	500 µg
Target:	IgG
Host:	Rabbit
Antibody Type:	Native
Application:	Isotype Control (IsoC), ELISA, Western Blotting (WB), Control (Ct)

Product Details

Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Endotoxin Level:	Low Endotoxin

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-afinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and

Target Details

	light chains of the antibody molecule are present. Synonyms: Rabbit immunoglobulin G, Low EU Immunoglobulin control, Low EU standard

Application Details

Application Notes:	Control Rabbit IgG can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

Publications

Product cited in:	Lee, Lee, Jung, Park, Park, Hahm: "Late reactivation of sonic hedgehog by Helicobacter pylori results in population of gastric epithelial cells that are resistant to apoptosis: implication for gastric carcinogenesis." in: **Cancer letters**, Vol. 287, Issue 1, pp. 44-53, (2010) (PubMed). Dierker, Dreier, Migone, Hamer, Grobe: "Heparan sulfate and transglutaminase activity are required for the formation of covalently cross-linked hedgehog oligomers." in: **The Journal of biological chemistry**, Vol. 284, Issue 47, pp. 32562-71, (2009) (PubMed).