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Datasheet for ABIN7504428
IgG Protein (AA 101-323)

Overview

Quantity:	100 µg
Target:	IgG
Protein Characteristics:	AA 101-323
Origin:	Rabbit
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Rabbit IgG Protein
Sequence:	Ser101-Lys323 (T185A, N284S)
Characteristics:	Recombinant Rabbit IgG Protein is expressed from HEK293 without tag. It contains Ser101-Lys323 (T185A, N284S).
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background: Immunoglobulin G (IgG) glycosylation can modulate antibody effector functions. Depending on the precise composition of the sugar moiety attached to individual IgG glycovariants either pro- or anti-inflammatory effector pathways can be initiated via differential binding to type I or type II Fc-receptors. Rabbits make high-affinity IgG antibodies, all of which bind with high affinity to Protein A from *Staphylococcus aureus* and Protein G from Group G *Streptococcus*.

Molecular Weight: 25.13 kDa. Due to glycosylation, the protein migrates to 30-38 kDa based on Tris-Bis PAGE result.

UniProt: [P01870](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as 0.22 µm filtered solution in PBS, 150 mM NaCl, 10 % Glycerol (pH 7.4).

Storage: -80 °C

Storage Comment: Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months