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Datasheet for ABIN7274870
IgG2c Protein (AA 97-330)

2 Images

Overview

Quantity:	100 µg
Target:	IgG2c
Protein Characteristics:	AA 97-330
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Mouse IgG2C Protein
Sequence:	Ile97-Ser330
Characteristics:	Recombinant Mouse IgG2C Protein is expressed from HEK293 without tag.It contains Ile97-Ser330.
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:	IgG2c
Abstract:	IgG2c Products
Target Type:	Antibody

Target Details

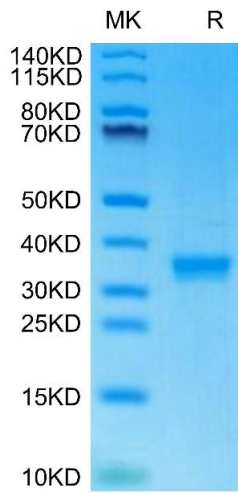
Background:	Mouse IgG2c is a subclass of mouse antibody IgG, it can bind FcγRIV with high affinity and the Fc loop residues of mouse IgG2c promote greater receptor-binding affinity than mouse IgG2b or human IgG1.
Molecular Weight:	26.10 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
UniProt:	F6TQW2

Application Details

Restrictions:	For Research Use only
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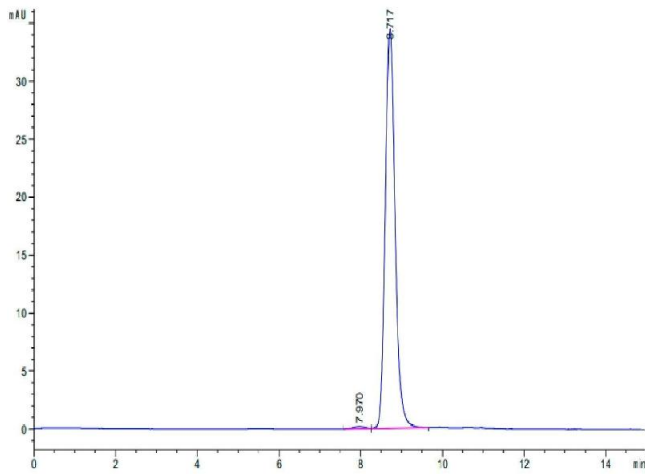
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse IgG2C on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse IgG2C is greater than 95 % as determined by SEC-HPLC.