

Recombinant Human IgG4 Isotype Control

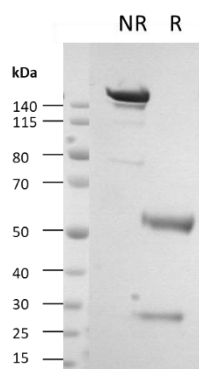
Catalog Number/ Size	A1004-100 A1004-1000	100 µg 1 mg
Isotype	Human IgG4, κ	
Molecular Weight	150 kDa	
Expression Host	Human HEK293	
Purification	Purified by affinity chromatography	
Purification	>95%	
Formulation	0.22 µm filtered in PBS, pH 6.8; no preservative	
Concentration	4.2 mg/mL	
Endotoxin level	< 0.002 EU/ µg of protein as determined by LAL assay	
Storage	< -20°C	

Application Isotype control for flow cytometry, ELISA, functional assays, *in vivo* animal studies

Product Description There are four types of human immunoglobulin G (IgG): IgG1, IgG2, IgG3, and IgG4. The human IgG4 isotype control, G03C51, is a recombinant human IgG4 antibody. It can be used as an isotype control for human IgG4 antibodies in various *in vitro* and *in vivo* assays.

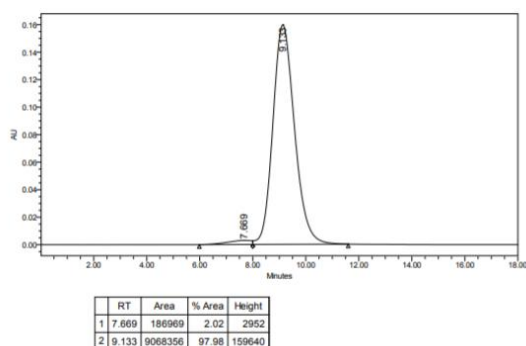
Results

SDS-PAGE Analysis

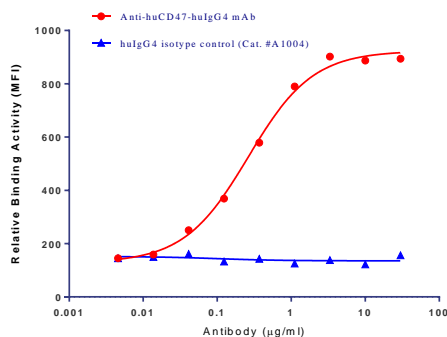


human IgG4 isotype control (5 µg/lane) was resolved on SDS-PAGE gel in non-reducing (NR) and reducing (R) conditions and visualized by Coomassie blue staining.

Size Exclusion Chromatography (SEC) Analysis



Flow Cytometry Analysis



Anti-human CD47-huIgG4 mAb and human IgG4 isotype control (Cat. #A1004) were tested for binding to CD47-expressing cells by flow cytometry. Cells were stained with PE-anti-human IgG secondary antibody.

Disclaimer: For research use only. Not for use in humans.