

Anti-FcRn hlgG4 Reference Antibody(Rozabio)

Product Information

Product Name	Anti-FcRn hlgG4 Reference Antibody(Rozabio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87351MAB-1mg / 1 mg GM-87351MAB-5mg / 5 mg GM-87351MAB-25mg / 25 mg GM-87351MAB-50mg / 50 mg GM-87351MAB-100mg / 100 mg

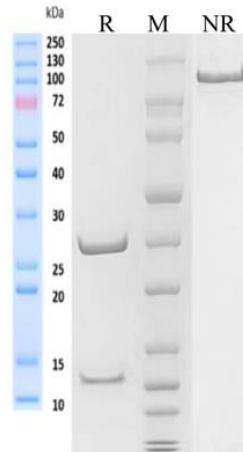
Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	FcRn
Clone	Rozanolixizumab
Alternative Names	FCGRT, FcgammaRn, alpha-chain
Source/Isotype	Human IgG4 (S228P), Kappa
Application	/
Description	The neonatal Fc receptor (also FcRn, IgG receptor FcRn large subunit p51, or Brambell receptor) is a protein that in humans is encoded by the FCGRT gene. It is an IgG Fc receptor which is similar in structure to the MHC class I molecule and also associates with beta-2-microglobulin. In rodents, FcRn was originally identified as the receptor that transports maternal immunoglobulin G (IgG) from mother to neonatal offspring via mother's milk, leading to its name as the neonatal Fc receptor. In humans, FcRn is present in the placenta where it transports mother's IgG to the growing fetus. FcRn has also been shown to play a role in regulating IgG and serum albumin turnover. Neonatal Fc receptor expression is up-regulated by the proinflammatory cytokine, TNF- α , and down-regulated by IFN- γ .
Formulation	phosphate-buffered solution, pH 7.4.

Version:3.1

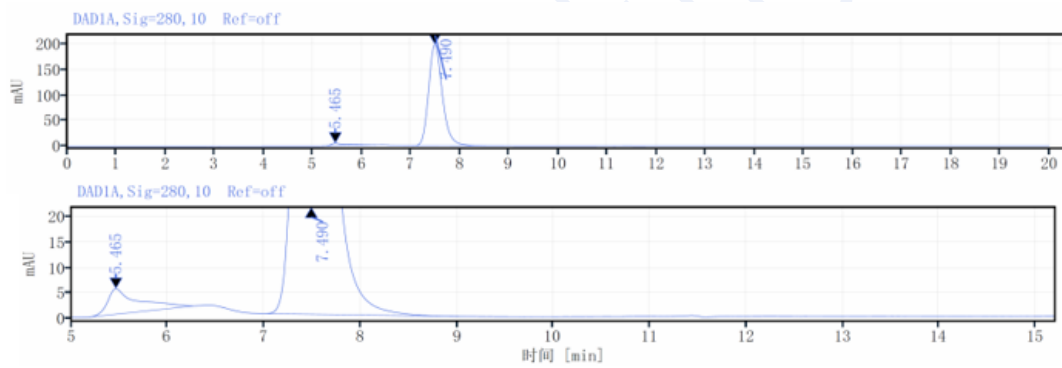
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC