

Anti-FcRn (FCGRT & B2M) Antibody (Nipocalimab)

Introduction

Nipocalimab (M281) is a fully human, recombinant, aglycosylated IgG1 monoclonal antibody. Nipocalimab is a human, aglycosylated IgG1 anti-FcRn monoclonal antibody that binds to Fc receptor (FcRn) with picomolar affinity at both pH 6.0 in vivo and pH 7.6 extracellularly.

Product parameters

Alternative Names	M281
Target Accession	P55899
Target	FcRn (FCGRT & B2M)
CAS number	2211985-36-1
Molecular Weight	142.12 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human FcRn/FCGRT&B2M Heterodimer protein, His and Avi tag at 2 ug/mL can bind nipocalimab, EC50=0.004948 ug/mL.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 µM filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

Note

1. This product is for scientific research use only.



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