

## Anti-Siglec-4a/MAG Antibody (Refanezumab)

### Introduction

Refanezumab (GSK249320) is an IgG1 humanized monoclonal antibody against myelin-associated glycoprotein (MAG). Refanezumab binds to MAG and blocks MAG-mediated inhibition of axonal regeneration. Refanezumab can cross the blood-brain barrier (BBB) in animal stroke models. Refanezumab has the potential to be used in studies to enhance functional recovery after stroke.

### Product parameters

Alternative Names	GSK 249320, GSK249320
Target Accession	P20916
Target	Siglec-4a / MAG
CAS number	1233953-61-1
Molecular Weight	148.36 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 Siglec 4a / MAG, Fc Tag at 2 ug/mL can bind Anti-Siglec-4a/MAG Antibody (Refanezumab), EC50=0.007489 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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