

## Anti-Tau Antibody (Semorinemab)

### Introduction

Semorinemab (RG 6100) is an anti-Tau humanized IgG4 monoclonal antibody that targets the N-terminal portion of the Tau protein (amino acid residues 6-23). Semorinemab binds to human Tau protein with a K<sub>d</sub> value of 3.8 nM. Semorinemab can be used for the study of Alzheimer's disease.

### Product parameters

Alternative Names	RO 7105705, RG-6100, MTAU-9937A, RG6100
Target Accession	P10636
Target	Tau
CAS number	2159141-27-0
Molecular Weight	145 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	IgG4
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	Immobilized human Tau 441, His Tag at 2 µg/mL can bind Anti-Tau Antibody (Semorinemab), EC <sub>50</sub> =0.007514 µg/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.



**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

