

Anti-Tau Antibody (Tilavonemab)

Introduction

Tilavonemab (ABBV-8E12) is a humanized anti-tau antibody that targets the extracellular form of pathological tau aggregates by binding to the N-terminal 25-30 amino acid residues of tau protein. Tilavonemab blocks the ability of human and mouse neurons to take up tau aggregates, reduces brain volume loss, slows the progression of tau pathology, and improves cognitive ability in transgenic mice expressing mutant human tau. Tilavonemab can be used in Alzheimer's disease research.

Product parameters

Alternative Names	ABBV-8E12, C2N-8E12
Target Accession	P10636
Target	Tau
CAS number	2096513-89-0
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	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	The purity of Anti-Tau Antibody (Tilavonemab) is more than 95%, determined by SEC-HPLC.
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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