

## Anti-TfR Antibody (Jr-141)

### Introduction

Pabinafusp alfa (JR-141) is a transferrin receptor-targeted antibody consisting of iduronate 2-sulfatase and anti-human transferrin receptor antibody. Pabinafusp alfa is blood-brain permeable and blocks the deposition of heparan sulfate (HS) in the central nervous system of mucopolysaccharidosis II (MPS II) mice. Pabinafusp alfa improves learning ability and prevents central nervous system neuronal damage in mice.

### Product parameters

Alternative Names	Jr-141
Target Accession	P02786
Target	TfR
CAS number	2140211-48-7
Molecular Weight	146.02 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 Transferrin receptor, His Tag at 2 ug/mL can bind Anti-TfR Antibody (Jr-141), EC50=0.0093 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.



**APExBIO Technology**

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