

Anti-CD137 & Her2 Antibody (Cinrebafusp alfa)

Introduction

Cinrebafusp alfa (PRS 343) is a high-affinity CD137/HER2 bispecific anti-calcitonin drug. Cinrebafusp alfa binds recombinant human HER2 ($K_d=0.3$ nM) and human monomeric CD137 (4-1BB; $K_d=5$ nM). Cinrebafusp alfa promotes T cell co-stimulation through tumor-localized HER2-dependent 4-1BB aggregation and activation, further enhancing T cell receptor-mediated activity and leading to tumor destruction. Cinrebafusp alfa has the potential to be used in the study of HER2+ solid tumors.

Product parameters

Alternative Names	PRS-343
Target Accession	Q07011 & P04626
Target	CD137 & Her2
CAS number	2218515-90-1
Molecular Weight	187.86 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	Human 4-1BB NF- κ B Jurkat cells were stained with Anti-CD137 & Her2 Reference Antibody (Cinrebafusp alfa) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{50}=6.065$ nM.
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 μ M 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.



1. This product is for scientific research use only.



APExBIO Technology
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

