

## Anti- $\alpha$ -toxin Antibody (Suvratoxumab)

### Introduction

Suvratoxumab (MEDI4893) is a long-acting, high-affinity humanized anti- $\alpha$ -toxin monoclonal antibody (IgG1k type). Suvratoxumab effectively neutralizes  $\alpha$ -toxin, a key *Staphylococcus aureus* virulence factor. Suvratoxumab improves survival and reduces lung injury in an immunocompromised mouse pneumonia model. Suvratoxumab also enhances the antibacterial activity of vancomycin or linezolid.

### Product parameters

Alternative Names	AR-320, Suvratoxumab, MEDI-4893
Target Accession	-
Target	$\alpha$ -toxin
CAS number	1629620-18-3
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	-
Isotype	IgG1
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	-
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 $\mu$ 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.

## Note

1. This product is for scientific research use only.



**APExBIO Technology**

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