

Anti-Staphylococcus aureus α toxin Antibody (Tosatoxumab)

Introduction

Tosatoxumab (AR-301; KBSA301) is a human immunoglobulin G1 monoclonal antibody that specifically neutralizes the alpha toxin (α -hemolysin; Hla) of Staphylococcus aureus. Tosatoxumab binds to the N-terminal epitope of alpha toxin, thereby preventing oligomerization of the functional toxin pore. Tosatoxumab has the potential to be used as an adjunct to standard antibiotic therapy for passive immunotherapy of Staphylococcus aureus pneumonia.

Product parameters

Alternative Names	AR-301, Anti-S.aureus-mAb
Target Accession	-
Target	Staphylococcus aureus α toxin
CAS number	1374419-41-6
Molecular Weight	144.92 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 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.

■ Note

1. This product is for scientific research use only.



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