

# Product Information

## Recombinant Anti-S. aureus ClfA Antibody scFv Fragment

Cat. No.: **MOM-18029-S(P)**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Humanized (from mouse) Antibody scFv Fragment is bind to S. aureus, expressed in E. coli

### Antigen Description

S. aureus may occur as a commensal on skin; it also occurs in the nose frequently (in about a third of the population) and the throat less commonly; S. aureus can infect other tissues when barriers have been breached. S. aureus infections may spread through contact with pus from an infected wound, skin-to-skin contact with an infected person by producing hyaluronidase that destroys tissues, and contact with objects such as towels, sheets, clothing, or athletic equipment used by an infected person. Deeply penetrating S. aureus infections can be severe. ClfA is a 92 kDa surface protein identified from S. aureus. ClfA is responsible for the fibrinogen-dependent clumping of bacteria.

### Specific Activity

Tested positive against native antigen.

### Target

S. aureus

### Immunogen

The details of the immunogen for this antibody are not available.

### Source

Humanized (from mouse)

### Species Reactivity

S. aureus

### Type

scFv Fragment from Humanized (from mouse) IgG1 - kappa

### Expression Host

E. coli

### Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

### Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

### Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

## BACKGROUND

**Introduction**

Humanized monoclonal antibody recognizing clumping factor A expressed by *Staphylococcus aureus*. This product has the same active ingredient as Tefibazumab.

**Keywords**

*S. aureus*; *Staphylococcus aureus*; ClfA protein; NC\_002952.2; Gene ID: 5330438; Tefibazumab; Aurexis