



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Atibuclimab Biosimilar – Research Grade [ICH5016]

### Description

## Atibuclimab Biosimilar – Research Grade

#### Product Details:

ichorbio's atibuclimab biosimilar is for Research Use Only (RUO) and not for therapeutic use.

#### Size:

ichorbio's RUO atibuclimab biosimilar is available in the following sizes:

1mg, 5mg, 10mg, 20mg, 50mg, 100mg

ichorbio regularly manufactures bulk multi-gram amounts of this biosimilar – please contact us for pricing.

#### Target:

CD14

#### Isotype:

IgG4

#### Other Names:

IC14

#### Host:

CHO cells

#### Species Reactivity:

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## Human

### Specificity:

Detects human CD14. This non-therapeutic antibody uses the same sequence as the therapeutic antibody atibuclimab.

### Purification Method:

This recombinant protein was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

### Background:

RUO atibuclimab is a chimeric CD14 antibody investigated for the treatment of patients with severe sepsis. It acts as a pattern recognition receptor for bacterial cell wall components in gram-positive and negative bacteria. CD14 antibody action stimulates a pro-inflammatory cytokine cascade often associated with inflammation in sepsis. Atibuclimab neutralization of this antibody results in the inhibition of TNF- $\alpha$ , IL-6 and IL-10, dampening systemic inflammatory responses. Atibuclimab also delays the release of sTNFR(1) and IL-1ra.

### Concentration:

1.0 – 5.0 mg/ml

### Formulation:

Sterile, preservative-free, solution in PBS. BSA and Azide free.

### Purity:

>95% by SDS-PAGE and HPLC

### Endotoxin:

? 1.0 EU/mg as determined by the LAL method

### Storage:

Atibuclimab Biosimilar – Research Grade is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

### Applications:

Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Isotype Control:

[Bulk Human IgG4 Isotype Control \(IB4\) \[ICH2257\]](#)

Use:

ichorbio's atibuclimab biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.