



# 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

### SZABO-SCANDIC HandelsgmbH

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## Anti-Neurotoxin AahII [4C1] Bulk Size Ab00366-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original mouse scFv format for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** 4C1

**Alternative Name(s) of Target:** neurotoxin II, alpha-mammal toxin II

**UniProt Accession Number of Target Protein:** P01484

**Published Application(s):** NTRL, ELISA

**Published Species Reactivity:** Androctonus australis hector

**Immunogen:** C-terminus of AahII

**Specificity:** This scFv binds specifically to the C-terminal region of the toxin.

**Application Notes:** This scFv binds to the C-terminus of the neurotoxin AahII, which binds and blocks sodium channels in a voltage-independent manner. The antibody neutralizes the toxin.

**Antibody First Published in:** Mousli et al. 1999 A recombinant single-chain antibody fragment that neutralizes toxin II from the venom of the scorpion Androctonus australis hector. FEBS Letters 1999; 442(2-3):183-188 [PMID:9928998](#)

**Note on publication:** Describes the engineering of an scFv that, similar to the whole antibody, neutralizes the activity of the neurotoxin.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg /ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.