

## Anti-Neurotoxin AahII [4C1] Bulk Size Ab00366-1.4-BT

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

**Isotype and Format:** Mouse 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.