

Anti-Ciguatoxin CTX3C [1C49] Standard Size Ab00350-1.1

This reformatted mouse 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: Mouse IgG1, Kappa

Clone Number: 1C49

Alternative Name(s) of Target: CTX

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: n/a

Immunogen: The synthetic ABC fragment of CTX3C conjugated to KLH.

Specificity: 1C49 binds to the synthetic CTX-fragment ABC with a K_d of $8.6E-9M$ and to the synthetic CTX-analogue ABCD with a K_d of $2.4 \times 10E-6M$.

Application Notes: This antibody binds to CTX3C, a member of a toxin family contaminating a variety of fish causing the, often fatal, ciguatera seafood poisoning.

Antibody First Published in: Nagumo et al. 2004 Phage-display selection of antibodies to the left end of CTX3C using synthetic fragments. Journal of Immunological Methods 2004; 289(1-2):137-146

[PMID:15251419](#)

Note on publication: Describes the generation of an anti-CTX antibody using synthetic ring fragments of CTX3C.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. 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.