



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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Anti-saxiton [5F7] Standard Size Ab04147-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 5F7

Alternative Name(s) of Target: STX; [(3aS,4R,10aS)-10,10-dihydroxy-2,6-diiminooctahydro-1H,8H-pyrrolo[1,2-c]purin-4-yl]methyl carbamate

UniProt Accession Number of Target Protein:

Published Application(s): SPR

Published Species Reactivity: Specie independent

Immunogen: The original antibody was generated by immunizing mice with STX-glucose oxidase immunogen.

Specificity: The antibody is specific for STX. It cross reacts with dc-STX. STX is a potent neurotoxin and the best-known paralytic shellfish toxin. Ingestion of saxitoxin by humans, usually by consumption of shellfish contaminated by toxic algal blooms, is responsible for the illness known as paralytic shellfish poisoning.

Application Notes: The binding affinity of the original format of the antibody to STX was measured by surface plasmon resonance ($K_d = 2.6$ nM). Further, the antibody was used for developing an anti-STX xMAP assay (Shriver-Lake et al., 2017; PMID: 27879646).

Antibody First Published in: Immunochemical Approaches to the Analysis of Paralytic Shellfish Poisoning Toxins [PMID:](#)

Note on publication: The paper describes the generation and characterization of the antibody.

Product Form

Size: 100 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.