



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-virus particles [A1] Ab03519-30.11-BT

This is an scFv fragment with a His tag.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: A1

Alternative Name(s) of Target: WSSV

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: White spot syndrome virus

Immunogen: The original antibody was generated by immunizing mice with WSSV followed by antibody library construction and phage display-based selection.

Specificity: The antibody is specific for WSSV. The antibody binds to native WSSV, and not to the denatured WSSV.

Application Notes: The binding specificity of the scFv antibody was determined by ELISA (Dai et al., 2003; PMID: 12969566 and Yuan et al., 2006; PMID: 17140131). The antibody had an affinity constant (K_{aff}) of $2.02 \times 10^9 \text{ M}^{-1}$. Dot blot assays showed that the antibody could detect WSSV directly from shrimp hemolymph after 24-h feeding infection by WSSV (Dai et al., 2003; PMID: 12969566).

Antibody First Published in: Dai et al. Construction and characterization of a novel recombinant single-chain variable fragment antibody against White Spot Syndrome Virus from shrimp J Immunol Methods. 2003 Aug;279(1-2):267-75. [PMID:12969566](#)

Note on publication: The original paper describes the generation and characterization of the antibody by phage display method.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.