



# 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-virus particles [A1] Standard Size Ab03519-30.11

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:** 50 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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.