



# 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-VP28 [Mab 216] Bulk Size Ab03726-23.0-BT

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** Mab 216

**Alternative Name(s) of Target:** WSSV; WSSV VP28; 25kDa structural protein VP25; Envelope protein VP28; Major structural protein VP28; Mab216; 216

**UniProt Accession Number of Target Protein:** Q9ICB7

**Published Application(s):** neutralize, WB

**Published Species Reactivity:** White spot syndrome virus (WSSV)

**Immunogen:** The original antibody was generated by immunizing female WKY/NCrj rats with crude virus preparations and hybridomas were generated using cells from the enlarged medial iliac lymph nodes.

**Specificity:** This antibody binds the VP28 envelope protein of the White spot syndrome virus (WSSV). White spot syndrome virus (WSSV) is a major pathogen in shrimp aquaculture. VP28 is one of the most important envelope proteins of WSSV.

**Application Notes:** This antibody was capable of detecting VP28 protein of WSSV in a western blot. Immuno-electron microscopy further showed that the epitope of this antibody is located on the viral envelope protein. In vitro neutralization studies in shrimp primary lymphoid cell culture showed diminished infectivity. In vivo neutralization assay showed 80% survival in shrimps injected with WSSV at a dilution of  $1 \times 10^{-3}$  pre-incubated with purified immunoglobulin (IgG) version of MAb 216. At higher virus concentration this antibody was not able to neutralize the virus (K.D.T. Natividad et al., 2007).

**Antibody First Published in:** K.D.T. Natividad et al. White spot syndrome virus (WSSV) inactivation in *Penaeus japonicus* using purified monoclonal antibody targeting viral envelope protein. *Aquaculture* 269 (2007) 54–62. [PMID:](#)

**Note on publication:** This paper describes the generation and characterization of a monoclonal antibody Mab 216 and evaluates its neutralizing activity both in vivo and in vitro

## 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.