



# 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-Nsp9 [Nb6] Bulk Size Ab03518-1.159-BT

**Isotype and Format:** Mouse IgG1-Fc fusion

**Clone Number:** Nb6

**Alternative Name(s) of Target:** nonstructural protein 9; PRRSV; Replicase polyprotein 1ab; ORF1ab polyprotein

**UniProt Accession Number of Target Protein:** Q8B912

**Published Application(s):** inhibition

**Published Species Reactivity:** Porcine reproductive and respiratory syndrome virus

**Immunogen:** A Bactrian camel was immunized with recombinant Nsp9 protein and a VHH library was constructed. The antibody was isolated by panning against Nsp9.

**Specificity:** The antibody is specific for Nsp9 of PRRSV (strains SD-16, JXA1, GD-HD, and VR2332). Nsp9 possesses RNA-dependent RNA polymerase (RdRp) activity that is essential for genome replication and transcription.

**Application Notes:** MARC-145 cell lines stably expressing Nb6 were established and infected with PRRSV strain SD-16. Virus infection was strongly suppressed in MARC-145-Nb6 as shown by IFA. Further, the antibody could inhibit PRRSV replication (Liu et al., 2015; PMID: 26525739).

**Antibody First Published in:** Liu et al. An intracellularly expressed Nsp9-specific nanobody in MARC-145 cells inhibits porcine reproductive and respiratory syndrome virus replication *Vet Microbiol.* 2015 Dec 31;181(3-4):252-60. [PMID:26525739](#)

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

### Product Form

**Size:** 500 µg 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.