



# 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-PorM [Nb30] Standard Size Ab03487-1.159

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

**Clone Number:** Nb30

**Alternative Name(s) of Target:** Por secretion system protein porM/gldM; T9SS component cytoplasmic membrane protein PorM

**UniProt Accession Number of Target Protein:** B2RLE8

**Published Application(s):** ELISA

**Published Species Reactivity:** Porphyromonas gingivalis

**Immunogen:** The original antibody was isolated from a nanobody phage-display naïve library generated from the peripheral blood of non-immunized llamas. The specific antibody was isolated by panning the library against periplasmic domain of PorM protein of Porphyromonas gingivalis.

**Specificity:** This antibody binds N-terminal part comprising amino acids from 225–516 of the PorM protein of Porphyromonas gingivalis. PorM is a membrane protein that is involved in the assembly of the type IX secretion system (T9SS) in Porphyromonas gingivalis, a major bacterial pathogen that is responsible for periodontal disease in humans.

**Application Notes:** The binding specificity of this antibody towards C-terminal part of the PorM protein was determined using ELISA. The affinity of the antibody was found to be  $K_d = 4.5 \pm 1.0$  nM (PMID: 28471361).

**Antibody First Published in:** Duhoo et al. Camelid nanobodies used as crystallization chaperones for different constructs of PorM, a component of the type IX secretion system from Porphyromonas gingivalis. Acta Crystallogr F Struct Biol Commun. 2017 May 1;73(Pt 5):286-293. [PMID:28471361](#)

**Note on publication:** Describes the generation of nanobodies against PorM protein of Porphyromonas gingivalis.

### 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.