



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

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Anti-PorM [Nb30] Bulk size M Ab03487-1.159-BS

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: 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:

See vial label

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.