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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-PorA protein [MN20B9.34] Bulk Size Ab03273-21.0-BT

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Mouse IgM, Kappa

Clone Number: MN20B9.34

Alternative Name(s) of Target: PorA; Major outer membrane protein; outer membrane porin protein; PIA; Protein IA; Class 1 protein; serosubtype P1.4; serogroup B

UniProt Accession Number of Target Protein: Q51183; P0DH58

Published Application(s): functional assay, WB, ELISA

Published Species Reactivity: Neisseria meningitidis serogroup B

Immunogen: The original antibody was generated using outer membrane protein preparations from Neisseria meningitidis as immunogen.

Specificity: This antibody is specific for the P1.4 subtype antigen (HVVVNKNVATH) of serogroup B of Neisseria meningitidis.

Application Notes: This antibody was used for the identification of PorA subtypes P1.4 using western blot. Antigenicity of the P1.4 epitope of PorA P1.7-2,4 in outer membrane vesicles and liposomes was tested by an inhibition ELISA (PMID: 14741154). This antibody is also reported to be highly bactericidal and was used as a positive control in a serum bactericidal assay (PMID: 14741154).

Antibody First Published in: Claassen et al. Production, characterization and control of a Neisseria meningitidis hexavalent class 1 outer membrane protein containing vesicle vaccine. Vaccine. 1996 Jul;14(10):1001-8. [PMID:8873395](#)

Note on publication: Describes the generation of a vaccine which can induce bactericidal immune response in mice against five of the six wild type strains.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Affinity Purified using a recombinant lectin column

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.