



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## Anti-Outer membrane protein [CB-NM.2] Standard Size Ab03266-21.0

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 IgG2b format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Mouse IgM, Kappa

**Clone Number:** CB-NM.2

**Alternative Name(s) of Target:** class 3 outer membrane protein; 15F9; NM-2

**UniProt Accession Number of Target Protein:**

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

**Published Species Reactivity:** Neisseria meningitidis

**Immunogen:** The original antibody was generated by immunizing mice with serotype antigen preparations from case isolate B385 strain of Neisseria meningitidis, from Havana.

**Specificity:** This antibody is specific for a five amino acid region (S/T)VETG located in the main variable region (VR) VR1 which was present in all N. meningitidis strains. It recognizes class 3 outer membrane protein of Neisseria meningitidis. This antibody can recognize fifty six strains belonging to seven serogroups: A, B, 29E, L, X, Y, Z, and five serotypes: 1, 4, 5, 12, 13 but did not recognize the serotypes 2, 6, 9, 11, 14, 15, 18 and 19.

**Application Notes:** The binding reactivity of this antibody against fifty six strains of Neisseria meningitidis belonging to seven serogroups: A, B, 29E, L, X, Y, Z, and five serotypes: 1, 4, 5, 12, 13 was assessed using whole cell ELISA. This antibody can also be used in the detection of these serogroups and serotypes using western blot (Guillen et al., 1997).

**Antibody First Published in:** Guillen et al. Molecular analysis Neisseria meningitidis class 3 outer membrane protein in strains recognized by the monoclonal antibody CB-Nm.2. Biotechnologia Applicada 1997; Vol -14:23-30. [PMID:](#)

**Note on publication:** This paper analyzes the reactivity of this antibody with various serogroups and serotypes of N. meningitidis and determines the binding epitope of this antibody.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Affinity Purified using a recombinant lectin column

**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.