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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Outer membrane protein [CB-NM.2] Bulk Size Ab03266-21.0-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 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: 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.