Datasheet: 6600-5906

Description: RABBIT ANTI NEISSERIA MENINGITIDIS

Specificity: NEISSERIA MENINGITIDIS

Format: Purified

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 1 ml

Product Details

RRID AB_620697

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

<table>
<thead>
<tr>
<th>Suggested Dilution</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
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<tr>
<td>Immunofluorescence</td>
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</tbody>
</table>

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species

Bacterial

Product Form

Purified IgG - liquid

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 4 mg/ml

Immunogen

Whole cell preparation of N. meningitidis types A, B and C.

Specificity

Rabbit anti Neisseria meningitidis antibody reacts with Neisseria meningitidis serogroups A, B and C recognizing multiple antigens. Other serogroups have not been tested.

N. meningitidis is a gram-negative bacteria that is a causative agent of meningitis. There are 13 known significant serogroups, classified according to the structure of their polysaccharide capsule. Serogroups, A, B, C, D, X, Y, Z, 29E and W135 are responsible for virtually all cases of the human disease.
The carbohydrate component of the capsular membrane induces a T cell independent immune response, so neither long term immunity by memory cell formation nor antibody affinity maturation is observed. Rather than being engulfed and processed by an antigen presenting cell, the carbohydrate capsule interacts directly with B cells. This interaction causes production of serogroup specific antibodies, primarily IgM. IgG is also produced with an IgG1 response predominating in children and an IgG2 response predominating in adults.

References

Storage
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee
18 months from date of despatch.

Health And Safety Information

Related Products

**Recommended Secondary Antibodies**

<table>
<thead>
<tr>
<th>Antibody</th>
<th>Label</th>
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</thead>
<tbody>
<tr>
<td>Sheep Anti Rabbit IgG</td>
<td>FITC</td>
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<tr>
<td>(STAR34...)</td>
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</tr>
<tr>
<td>Goat Anti Rabbit IgG (H/L)</td>
<td>HRP</td>
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<tr>
<td>(STAR124...)</td>
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<tr>
<td>Goat Anti Rabbit IgG (Fc)</td>
<td>Biotin, FITC, HRP</td>
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<tr>
<td>(STAR121...)</td>
<td></td>
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<tr>
<td>Sheep Anti Rabbit IgG (2AB02...)</td>
<td>Biotin</td>
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<tr>
<td>Sheep Anti Rabbit IgG (STAR35...)</td>
<td>RPE</td>
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<td>Sheep Anti Rabbit IgG (STAR36...)</td>
<td>DyLight®488, DyLight®680, DyLight®800</td>
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</tbody>
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