Anti-LPS Hafnia alvei PCM 1216 [HA1216c1]

Catalogue number: 160653
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LPS Hafnia alvei PCM 1216 [HA1216c1]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Lipopolysaccharde is the major constituent of the outer membrane of Gram-negative bacteria. It is composed of lipid A covalently joined with polysaccharide in which 3 regions are structurally defined: inner core, outer core and O-antigen. LPS is a potent activator of immune response and is responsible for toxic effects when introduced to an organism. O-antigens is a polymer of different length and composition built of repetitive oligosaccharide units. O-antigen is the most variable region of LPS and defines strain specificity of bacteria, therefore is used as an antigen in serotyping with specific sera or monoclonal antibody.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen: Whole Hafnia alvei PCM 1216 bacteria
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: O antigen part of the lipopolysaccharide from Hafnia alvei PCM 1216

Target alternate names:

Target background: Lipopolysaccharde is the major constituent of the outer membrane of Gram-negative bacteria. It is composed of lipid A covalently joined with polysaccharide in which 3 regions are structurally defined: inner core, outer core and O-antigen. LPS is a potent activator of immune response and is responsible for toxic effects when introduced to an organism. O-antigens is a polymer of different length and composition built of repetitive oligosaccharide units. O-antigen is the most variable region of LPS and defines strain specificity of bacteria, therefore is used as an antigen in serotyping with specific sera or monoclonal antibody.

Molecular weight: approx 150kda

Ic50:

Applications

Application: ELISA ; WB ;DB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-LPS Hafnia alvei PCM 1186 [HA1186] monoclonal antibody

References

References: