

Anti-LPS Hafnia alvei PCM 1186 [HA1186]

Catalogue number: 160655

Sub-type:

Images:

Contributor

Inventor: Tomasz Lipiński

Institute: Polski Ośrodek Rozwoju Technologii (PORT) Polish Center for Technology Development

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LPS Hafnia alvei PCM 1186 [HA1186]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Lipopolysaccharide 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-antigen 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 1186

Target alternate names:

Target background: Lipopolysaccharide 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-antigen 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 1216 [HA1216c1] monoclonal antibody

References

References:

CancerTools.org