

Anti-Listeria monocytogenes antigen 2 [2:4 E10]

Catalogue number: 152798

Sub-type:

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Listeria monocytogenes antigen 2 [2:4 E10]

Alternate name: Listeria monocytogenes

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody which detects Listeria monocytogenes antigen 2 protein.

Background and Research Application: The genus *Listeria* comprises six species: *L. monocytogenes*, *L. innocua*, *L. welshimeri*, *L. seeligeri*, *L. ivanovii* and *L. grayi*. *Listeria monocytogenes*, the most commonly isolated pathogenic member, is associated with a wide spectrum of human and animal diseases. In the smear from the original tissue, *L. monocytogenes* may appear as gram-positive coccobacilli that may be confused with *Streptococcus agalactiae* (group B), enterococci, or *Corynebacterium* spp. *Listeria* is differentiated from streptococci by a positive catalase test. *L. monocytogenes* is the only species of the genus *Listeria* that has been clearly documented as a pathogen for humans. The forms of disease caused by this organism are myriad and age-related. The most common clinical manifestations are meningitis and septicaemia. *Listeria monocytogenes*, a food-borne intracellular animal and human pathogen, interacts with infected host cells both prior to entry and during the intracellular phase of infection.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b kappa

Reactivity: *L. monocytogenes*

Selectivity:

Host:

Mouse

Immunogen: *Listeria monocytogenes* antigen 2 protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Whole cell lysates of *L. monocytogenes*

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: *Listeria monocytogenes* antigen 2 protein

Target alternate names:

Target background: Monoclonal antibody which detects *Listeria monocytogenes* antigen 2 protein.

Background and Research Application The genus *Listeria* comprises six species: *L. monocytogenes*, *L. innocua*, *L. welshimeri*, *L. seeligeri*, *L. ivanovii* and *L. grayi*. *Listeria monocytogenes*, the most commonly isolated pathogenic member, is associated with a wide spectrum of human and animal diseases. In the smear from the original tissue, *L. monocytogenes* may appear as gram-positive coccobacilli that may be confused with *Streptococcus agalactiae* (group B), enterococci, or *Corynebacterium* spp. *Listeria* is differentiated from streptococci by a positive catalase test. *L. monocytogenes* is the only species of the genus *Listeria* that has been clearly documented as a pathogen for humans. The forms of disease caused by this organism are myriad and age-related. The most common clinical manifestations are meningitis and septicaemia. *Listeria monocytogenes*, a food-borne intracellular animal and human pathogen, interacts with infected host cells both prior to entry and during the intracellular phase of infection.

Molecular weight: 74, 67, (faint 72)

Ic50:

Applications

Application: ELISA ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References:

CancerTools.org