

Anti-F1 deficient *Yersinia pestis* [6B5]

Catalogue number: 153587

Sub-type:

Images:

Contributor

Inventor: Michael Doyle ; Tong Zhao

Institute: University of Georgia

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-F1 deficient *Yersinia pestis* [6B5]

Alternate name: *Pasteurella pestis*, *Bacterium pestis*, *Pasteurella pestis*, Bacille de la peste, fraction 1 antigen

Class: Monoclonal

Conjugate: Unconjugated

Description: *Yersinia pestis* is a gram negative coccobacillus bacteria. It is a facultative anaerobe that can infect humans causing plague of which there are three main forms: pneumonic, septicemic and bubonic. Infection can occur via the oriental rat flea. This antibody can detect *Yersinia pestis* whether or not it has been grown in conditions conducive where the F1 antigen could be present - unlike most immuno assays which are based on the detection of F1.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity:

Selectivity:

Host: Mouse

Immunogen: Formalin-killed F1 antigen??Â?deficient *Yersinia pestis* A1122 cells

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Yersinia pestis cell surface antigens

Target alternate names:

Target background: Yersinia pestis is a gram negative coccobacillus bacteria. It is a facultative anaerobe that can infect humans causing plague of which there are three main forms: pneumonic, septicemic and bubonic. Infection can occur via the oriental rat flea. This antibody can detect Yersinia pestis whether or not it has been grown in conditions conducive where the F1 antigen could be present - unlike most immuno assays which are based on the detection of F1.

Molecular weight:

Ic50:

Applications

Application:

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: Torr et al. 2016. Physiol Rep. 4(16):. PMID: 27558999. ; Expression of polycomb protein BMI-1 maintains the plasticity of basal bronchial epithelial cells.

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