Mouse Anti Yersinia Pestis V Antigen Monoclonal Antibody

DMABT-51632MY  Mouse(Y. pestis V Antigen)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview  Mouse Anti Yersinia Pestis V Antigen
Host  Mouse
Isotype  IgG1
Species  Bacterial
Clone  Wb24
Conjugation  N/A
Applications  IHC, ELISA, FCM, FuncS, IF, IP, WB

PACKAGING

Format  Purified IgG - liquid
Protein Concentration  IgG concentration 1.0mg/ml
Buffer  Phosphate buffered saline
Storage  Store at +4 centigrade or at -20 centigrade 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.
Preservative  0.09% Sodium Azide (NaN_3)
Shelf Life  18 months from date of despatch.

BACKGROUND

Introduction  Yersinia pestis (formerly Pasteurella pestis) is a Gram-negative rod-shaped bacterium belonging to the family Enterobacteriaceae. It is a facultative anaerobe that can infect humans and other animals. Human Y. pestis infection takes three main forms: pneumonic, septicemic, and the notorious bubonic plagues. All three forms are widely believed to have been responsible for a number of high-mortality epidemics throughout human history, including the Plague of Justinian in 542 and the Black Death that accounted for the death of at least one-third of the European population between 1347 and 1353. It has now been shown conclusively that these plagues originated in rodent populations in China. More recently, Y. pestis has gained attention as a possible biological warfare agent and the CDC has classified it as a category A pathogen requiring preparation for a possible terrorist attack.

Keywords  LcrV; Low calcium response locus protein V; V antigen antihost protein/regulator; V antigen LcrV; Virulence associated V antigen; Y. pestis; Yersinia pestis