

Anti-*Yersinia pestis* F1 Antigen Monoclonal Antibody

CATALOG NO. MYP-F1-0100

Introduction	<i>Yersinia pestis</i> is a Gram-negative, nonmotile, rod-shaped, coccobacillus bacterium, with no spores. Pathogenesis due to <i>Y. pestis</i> infection of mammalian hosts is due to several factors, including an ability of these bacteria to suppress and avoid normal immune system responses such as phagocytosis and antibody production. Two important antiphagocytic antigens, named F1 (fraction 1) and V or LcrV, are both important for virulence.
Description	Mouse anti- <i>Yersinia pestis</i> F1 antigen monoclonal antibody
Applications	Sandwich ELISA, WB, IF, Immunoagglutination Assay, etc
Immunogen	Highly purified capsular F1 antigen from <i>Y. pestis</i> strain EV
Specificity	Specific for F1 antigen. No cross-reactivity with <i>Y. pseudotuberculosis</i> and <i>Y. enterocolitica</i> .
Isotype	Mouse IgG1
Storage	Store at -20 °C; Stable for at least 6 month from the date of shipment at 4 °C.
Purification	Purified protein G Sepharose
Concentration	1 µg/µl in PBS with 0.1% sodium azide
Size	100 µg
Usage	This product does not contain livestock or poultry disease agents, non-toxic/non-contagious and is not intended for human use, only for laboratory research and development.

