



Anti-F. tularensis LVS Bacterioferritin monoclonal antibody, clone 274 (CABT-B217)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Specific for F. tularensis LVS protein bacterioferritin (BFN).
Target	F. tularensis LVS Bacterioferritin
Immunogen	Sublethal infection with F. tularensis LVS
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Francisella tularensis LVS
Clone	274
Purification	FPLC on Protein G Sepharose
Conjugate	Unconjugated
Applications	WB, IP, ELISA, IF
Molecular Weight	16 kDa
Concentration	2.5 mg/mL
Size	100 µg
Buffer	PBS
Preservative	None
Storage	-20°C

BACKGROUND

Introduction

Francisella tularensis is a small pathogenic gram-negative, nonmotile, aerobic bacteria and the causative agent of tularemia. Also known as "rabbit fever" the highly contagious bacteria can be spread from animals to humans, through a vector such as fleas or mosquitoes. *F. tularensis* has been considered to be encapsulated for over 40 years based on the rough colony phenotype and presence of polysaccharides structures on the organism. *Francisella tularensis* is classified as a Category A biological agent and symptoms include fever, headache and body aches.

Keywords

F. tularensis; *F. tularensis* LVS; *Francisella tularensis*; *Francisella tularensis* live vaccine strain; 50S Ribosomal Protein L7/L12; Rp1L; Bacterioferritin; Bfn; Chaperone protein DnaK; FopA; Lipopolysaccharide; LpnA/Tul4; sucB; sucC
