

Monoclonal Anti-*Francisella tularensis* Pathogenicity Determinant B (PdpB) Protein, Clone PdpB1 (produced *in vitro*)

Catalog No. NR-3198

Product Description: Antibody Class: IgG2a

Mouse monoclonal antibody specific to a recombinant protein fragment of the pathogenicity determinant B (PdpB) protein of *Francisella tularensis* (*F. tularensis*) was produced *in vitro*.

Lot¹: 7589623

Manufacturing Date: 04DEC2006

TEST	SPECIFICATIONS	RESULTS
Estimated Monoclonal Antibody Concentration²	Report results	0.5 to 2 mg/mL
Functional Activity Western Blot using whole cell antigen (see Figure 1) ^{3,4} <i>F. tularensis</i> wild type (WT) <i>F. tularensis</i> WT, grown under low-iron conditions <i>F. tularensis</i> Δ pdpB mutant Western Blot titer <i>F. tularensis</i> WT Indirect Fluorescent Antibody Assay <i>F. tularensis</i> WT, methanol-treated <i>F. tularensis</i> WT, formaldehyde-treated	Reactive Reactive Not reactive Report results Report results Report results	Reactive Reactive Not reactive 1:1000 Fluorescence observed Fluorescence observed

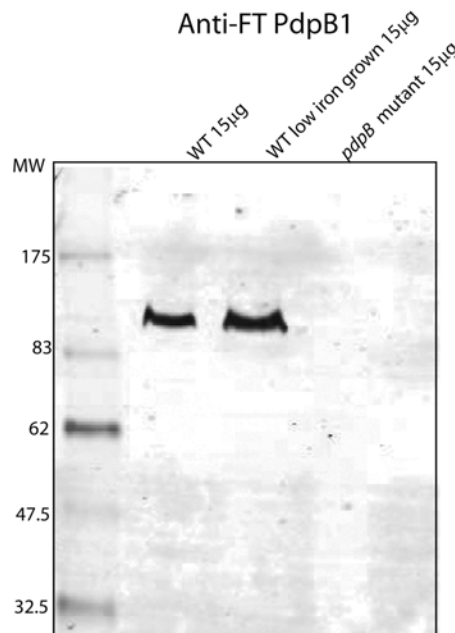
¹Produced using a two-compartment disposable bioreactor (CELLine CL 1000) from INTEGRA Biosciences.

²In a background of Dulbecco's Modified Eagle's Medium supplemented with 5% fetal bovine serum.

³Visualized using a LI-COR[®] Biosciences Odyssey[®] Infrared Imaging System.

⁴Dilutions of NR-3198 between 1:200 and 1:1000 are recommended.

Figure 1



Date: 11 JUL 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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