

Monoclonal Anti-*Francisella tularensis* Pathogenicity Determinant A (PdpA) Protein, Clone PdpA1 (produced *in vitro*)

Catalog No. NR-3197

Product Description: Antibody Class: IgG1

Mouse monoclonal antibody specific to a histidine-tagged recombinant fragment of the pathogenicity determinant A (PdpA) protein of *Francisella tularensis* (*F. tularensis*) was produced *in vitro*.

Lot¹: 7589622

Manufacturing Date: 07MAY2007

TEST	SPECIFICATIONS	RESULTS
Estimated Monoclonal Antibody Concentration ²	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 pdpA mutant Western Blot titer <i>F. tularensis</i> WT ELISA titer <i>F. tularensis</i> WT	Reactive Reactive Not reactive Report results Report results	Reactive Reactive Not reactive 1:500 1:64000

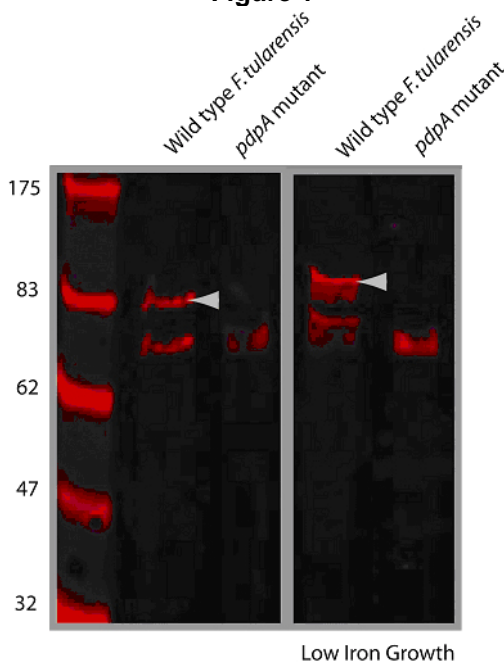
¹Produced using a two-compartment disposable bioreactor (CELLine CL 1000) from INTEGRA Biosciences.

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 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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