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Antibodies Ltd.**

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## **Anti – *Francisella novicida* 75 Mouse Monoclonal Antibody 7G11**

**Catalog #: IPA027  
Quantity: 250 µL**

### **Applications**

ELISA, Western Blot, Histochemistry, Fluorescence

### **Species Cross Reactivity / Specificity**

*F. tularensis* subspecies *novicida* GB2  
(attenuated U112)

### **Host / Isotype**

IgG1 / mouse

### **Clone**

7G11

### **Background**

*Francisella tularensis* sub species *novicida*, the etiologic agent of a disease resembling tularemia in guinea pigs, hamsters, and white mice; not known to infect man. Formerly called *Pasteurella novicida*. *F. nov.* is a small Gram-negative aerobic bacillus. Human tularemia presents as an indolent ulcer at site of infection, accompanied by swelling of the regional lymph nodes (ulceroglandular); sudden onset of pain and fever, fever generally lasts 3 - 6 weeks without treatment; inhalation may be followed by a pneumonic disease or primary systemic (typhoidal) picture; type B strains 5-15% fatality rate; type A strains approximately 35% mortality from pulmonary tularemia. This monoclonal antibody was prepared using whole, killed bacteria. The clone recognizes an unknown protein as seen in the provided western blot.

### **Reference**

Cowley SC, Myltseva SV, Nano FE. Phase variation in *Francisella tularensis* affecting intracellular growth, lipopolysaccharide antigenicity and nitric oxide production. Mol Microbiol. 1996 May;20(4):867-74.

### **Formulation**

250 µL - Ascites, contains 0.05% NaN<sub>3</sub>

### **Concentration / Dilution**

Raw Ascites  
Use at 1/400 – 1/1000 dilution

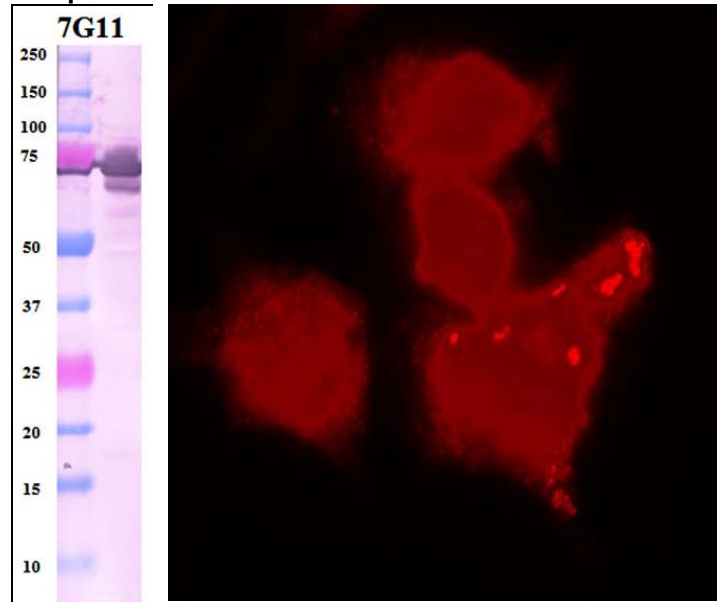
### **Stability / Storage**

-20 to +4 °C

### **Immunogen**

Whole, killed bacteria

### **Sample Data**



### **Western blot**

*F. tularensis* showing the distinct LPS banding pattern. Primary anti- *F. tularensis* antibody from undiluted tissue culture supernatant was followed by a goat anti-mouse-HRP antibody.

To place your order, please contact us by phone 1.250.483.0308, fax 1.250.483.0309 or by email: [orders@immuno-precise.com](mailto:orders@immuno-precise.com)  
[www.immuno-precise.com](http://www.immuno-precise.com)

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Caution: Contains Sodium Azide**