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Anti – *Francisella novicida* 50 Mouse Monoclonal Antibody 10B3

Catalog #: IPA029
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

10B3

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% NaN₃

Concentration / Dilution

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

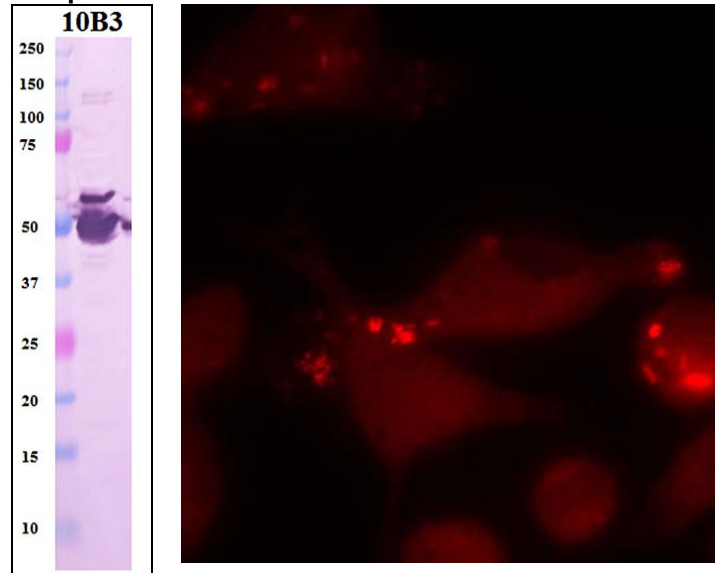
Stability / Storage

-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
www.immuno-precise.com

FOR IN VITRO RESEARCH PURPOSES ONLY. NOT INTENDED FOR USE IN HUMAN OR ANIMALS.
Caution: Contains Sodium Azide