

## Brucella Rabbit pAb

Catalog Number: bs-2229R

Target Protein: Brucella

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:1000-5000)

Reactivity: (predicted:Brucella)

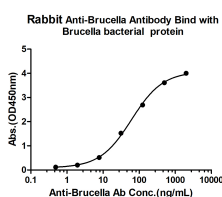
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Brucella species are small, Gram-negative, facultative coccobacilli, most lacking a capsule, endospores, or native plasmids. They are intracellular within the host organism, and show environmental persistence outside the host. They survive extremes in temperature, pH, and humidity, and in frozen and aborted materials. They infect many species, but with some specificity.

### VALIDATION IMAGES



Measured by its binding ability in an indirect ELISA. Immobilized Brucella bacterial protein (Cat. bs-2229P) at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Brucella Antibody, the EC50 is 61.32 ng/mL.

### PRODUCT SPECIFIC PUBLICATIONS

[IF=13.751] Fengguang Guo. et al. Live attenuated bacterium limits cancer resistance to CAR-T therapy by remodeling the tumor microenvironment. J Immunother Cancer. 2022 Jan;10(1):e003760 IF ; Mouse . 34987022

[IF=8.786] Stranahan Lauren W.. et al. Primary and memory immune responses against rough Brucella canis are less robust compared to smooth B. abortus and B. melitensis following intratracheal infection in mice. FRONT IMMUNOL. 2022 Aug;0:4494 IHC ; Mouse . 36032120

- [IF=8.146] Kelsey Michelle Wells. et al. Brucella activates the host RIDD pathway to subvert BLOS1-directed immune defense. ELIFE. 2022; 11: e73625 IF ; null,Mouse . 35587649
- [IF=5.77] Charles R. Moley. et al. Innate Lymphoid Cells and Interferons Limit Neurologic and Articular Complications of Brucellosis. AM J PATHOL. 2023 May;; IHC ; Mouse . 37263343
- [IF=6.064] Martha E. Hensel. et al. Intratracheal inoculation results in Brucella-associated reproductive disease in male mouse and guinea pig models of infection.. FRONT MICROBIOL. 2022 Oct;13:1029199-1029199 IHC ; Mouse, Guinea pig . 36338077