bs-2229R **[Primary Antibody]**

Brucella | whole cell Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Brucella | whole cell

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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.

Applications: **ELISA** (1:1000-5000)

Reactivity: Brucella

SELECTED CITATIONS

- **[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=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
- **[IF=5.9]** Kaiyu Shang. et al. Tuft-cell-derived IL-25 regulates intestinal ILC2 in response to Brucella infection. FRONT IMMUNOL. 2026 Feb;17:1732274 IF ;Mouse. 41727498

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.