

**bs-0973R****[ Primary Antibody ]**

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**Tetracycline Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>Target:</b> Tetracycline <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 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. <b>Background:</b> Tetracycline (INN) is a broad-spectrum polyketide antibiotic produced by the Streptomyces genus of Actinobacteria, indicated for use against many bacterial infections. It is a protein synthesis inhibitor. It is commonly used to treat acne today, and more recently, rosacea, and played a historical role in stamping out cholera in the developed world. It is sold under the brand names Sumycin, Terramycin, Tetracyn, and Panmycin, among others. Actisite is a thread-like fiber form, used in dental applications. It is also used to produce several semi-synthetic derivatives, which together are known as the tetracycline antibiotics.	<b>Isotype:</b> IgG <b>Applications:</b> <b>ELISA</b> (1:5000-10000) <b>Reactivity:</b> (predicted: Tetracycline)
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**— SELECTED CITATIONS —**

- **[IF=8.5]** Lingqin Meng. et al. Highly sensitive antibiotic sensing based on optical weak value amplification: A case study of chloramphenicol. FOOD CHEM. 2024 Jun;;140184 Other ;. 38968708
- **[IF=8.5]** Ying Zhou. et al. Efficient fluorescence and electrochemiluminescence dual-signal au nanoclusters-based portable antibiotic testing platform with super-wide detection range. FOOD CHEM. 2025 Sep;485:144339 ;. 40306061
- **[IF=8.173]** Wang S et al. Development of a SPR aptasensor containing oriented aptamer for direct capture and detection of tetracycline in multiple honey samples. Biosens Bioelectron. 2018 Jun 30;109:1-7. Other ;bee. 29522968