
Tetracycline Rabbit pAb

Catalog Number: bs-0973R

Target Protein: Tetracycline

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Tetracycline)

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: 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.

PRODUCT SPECIFIC PUBLICATIONS

[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=8.173] 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