



Rabbit Anti-Oxytetracycline antibody

SL0974R

Product Name:	Oxytetracycline
Chinese Name:	土霉素抗体
Alias:	Terramycin; oxytetracycline; terramycin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Oxytetracycline
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated with Oxytetracycline:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Oxytetracycline was the second of the broad-spectrum tetracycline group of antibiotics to be discovered. Oxytetracycline is a type of antibiotic called a tetracycline. It is used to treat infections with bacteria. Oxytetracycline works by interfering with the ability of bacteria to produce proteins that are essential to them. Without these proteins the bacteria cannot grow, multiply and increase in numbers. Oxytetracycline therefore stops the spread of the infection and the remaining bacteria are killed by the immune system or eventually die. Oxytetracycline is a broad spectrum antibiotic that is active against a wide variety of bacteria. However, some strains of bacteria have developed resistance to this antibiotic, which has reduced its effectiveness for treating some types

of infection. Oxytetracycline is still used to treat infections caused by chlamydia (eg the chest infection psittacosis, the eye infection trachoma, and the genital infection urethritis) and infections caused by mycoplasma organisms (eg pneumonia). Oxytetracycline is used to treat acne, due to its activity against the bacteria on the skin that cause acne (*Propionibacterium acnes*). It is used to treat flare-ups of chronic bronchitis, due to its activity against the bacteria usually responsible, *Haemophilus influenzae*.

SWISS:

N/A

CAS:

6153-64-6

Important Note:

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

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