



Rabbit Anti-Chloramphenicol antibody

SL0971R

Product Name:	Chloramphenicol
Chinese Name:	氯霉素抗体
Alias:	Chloramphenicol; D-(-)-threo-2,2-Dichloro-N-[beta-hydroxy-alpha-(hydroxymethyl)-beta-(4-nitrophenyl)ethyl]acetamide, D-(-)-threo-2-Dichloroacetamido-1-(4-nitrophenyl)-1,3-propanediol, D-threo-2,2-Dichloro-N-[beta-hydroxy-alpha-(hydroxymethyl)-4-nitrophenethyl]acetamide, Chloromycetin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Chloramphenicol
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	0.32313kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated to Chloramphenicol:
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:	Chloramphenicol is a bacteriostatic antimicrobial originally derived from the bacterium <i>Streptomyces venezuelae</i> , isolated by David Gottlieb, and introduced into clinical practice in 1949. It was the first antibiotic to be manufactured synthetically on a large scale, and alongside the tetracyclines, is considered the prototypical broad-spectrum antibiotic.

Chloramphenicol is effective against a wide variety of Gram-positive and Gram-negative bacteria, including most anaerobic organisms. Due to resistance and safety concerns, it is no longer a first-line agent for any indication in developed nations and has been replaced by newer drugs in this setting, although it is sometimes used topically for eye infections. In low-income countries, chloramphenicol is still widely used because it is exceedingly inexpensive and readily available.

SWISS:

N/A

CAS:

56-75-7

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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