www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

Chloramphenicol Rabbit pAb

Catalog Number:	bs-4541R
Target Protein:	Chloramphenicol
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	ELISA (1:5000-10000)
Reactivity:	(predicted:Chloramphenicol)
Predicted MW:	0.32313 kDa
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:	Chloramphenicol is a bacteriostatic antimicrobial originally derived from the bacterium Streptomyces venezuelae, 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to resistance and safety concerns, it is no longer a first-line agent for any indication in developed nations and has been replaced by newer drugs in this setting, although it is sometimes used topically for eye infections.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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.05] Zhou, Chennan, et al. "Rapid Detection of Chloramphenicol Residues in Aquatic Products Using Colloidal Gold Immunochromatographic Assay." Sensors 14.11 (2014): 21872-21888. Other ; ="" . 25412221

[IF=2.475] Zhou et al. Rapid detection of chloramphenicol residues in aquatic products using colloidal gold immunochromatographic assay. (2014) Sensors.(Basel). 14:21872-88 Other ; Chloramphenicol . 25412221