



Sheep anti-Chloramphenicol Polyclonal antibody (DPABY-034)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody recognises chloramphenicol, a broad-spectrum antimicrobial that inhibits protein synthesis.
Immunogen	Chloramphenicol base conjugated via its amino group to KLH using phenylenediisothiocyanate
Isotype	IgG
Source/Host	Sheep
Conjugate	Unconjugated
Applications	ELISA
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Format	Purified IgG - liquid
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	None
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction

Chloramphenicol is an antibiotic that was derived from the bacterium *Streptomyces venezuelae*. It was the first antibiotic to be manufactured synthetically on a large scale. Chloramphenicol is effective against a wide variety of microorganisms, but due to serious side effects (eg damage to the bone marrow) in humans, it is usually reserved for the treatment of serious and life threatening infections (eg typhoid fever). It is also used in eye drops or ointment to treat bacterial conjunctivitis.

Keywords

Chloramphenicol; Anacetin; Amphenicol; Aquamycetin; Biophenicol
