



Anti-Chloramphenicol polyclonal antibody (DPBT-68255SC)

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

PRODUCT INFORMATION

Product Overview	Sheep Anti ChloramphenicolSheep Anti Chloramphenicol
Specificity	DPBT-68255SC is specific for chloramphenicol.Chloramphenicol is a broad spectrum antibiotic that functions by inhibiting bacterial protein synthesis. It is used to treat various medical conditions including meningitis.
Immunogen	Aromatic amino derivative of chloramphenicol conjugated to KLH
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Chemical
Conjugate	Unconjugated
Applications	ELISA, IF
Preparation	Purified Ig prepared by affinity chromatography on Protein G
Format	Purified Ig - liquid
Concentration	5.0 mg/ml
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
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.

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
