

Anti-Chloramphenicol antibody ab100978

Overview

Product name	Anti-Chloramphenicol antibody
Description	Rabbit polyclonal to Chloramphenicol
Host species	Rabbit
Specificity	Recognizes free Chloramphenicol
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Species independent
Immunogen	Chloramphenicol molecules conjugated to KLH
General notes	<p>This antibody could be utilized for isolation, detection and quantitation of Chloramphenicol.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Immunogen affinity purified
Primary antibody notes	This antibody could be utilized for isolation, detection and quantitation of Chloramphenicol.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab100978 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. Direct competitive inhibition ELISA using immobilized anti-chloramphenicol (3ug/mL), and chloramphenicol-labelled HRP(100 ng/mL). 50% inhibition occurred at 50 ng/mL of free chloramphenicol in non-optimized conditions.
AP		Use at an assay dependent concentration.

Target

Relevance

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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