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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Chloramphenicol [10A3B6E] Standard Size Ab03997-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 10A3B6E

Alternative Name(s) of Target: C11H12Cl2N2O5; CAS: 56-75-7; CAP; CLM; chloromycetin; chlornitromycin; levomycetin

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Species independent

Immunogen: The original antibody was generated by immunizing mice with CAP-OVA conjugate protein.

Specificity: This antibody binds chloramphenicol, which is a broad spectrum antibiotic used in the treatment of a number of bacterial infections. Chloramphenicol is an antibiotic and is in the class of antimicrobials that inhibits protein synthesis. It has been used for treating superficial eye infections such as bacterial conjunctivitis, and otitis externa. It has also been used for the treatment of typhoid and cholera.

Application Notes: This antibody was used for the detection of chloramphenicol in a test sample using ELISA. This antibody is recommended for detection of antibiotic drugs (food adulterants) in food commodities like milk, meat and seafood which originate from animals (PMID: 27003441).

Antibody First Published in: Du et al. Development of an Immunoassay for Chloramphenicol Based on the Preparation of a Specific Single-Chain Variable Fragment Antibody. J Agric Food Chem. 2016 Apr 13;64(14):2971-9. [PMID:27003441](#)

Note on publication: Describes the generation of an antibody for the development of an assay to detect chloramphenicol.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.