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Produktinformation



Forschungsprodukte & Biochemikalien



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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-Digoxigenin [19-11] Standard Size Ab03498-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: 19-11

Alternative Name(s) of Target: Digoxigenin; DOG; DIG; ChEBI: 42098; CAS:1672-46-4

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 digoxin conjugated to human serum albumin.

Specificity: This antibody is specific for digoxigenin A. Digoxigenin (DIG) is a hydroxy steroid that consists of 5beta-cardanolide, found exclusively in the flowers and leaves of the plants *Digitalis purpurea*, *Digitalis orientalis* and *Digitalis lanata*. It is a hapten, a small molecule with high antigenicity, that is used in many molecular biology applications.

Application Notes: This antibody can be used for the detection of digoxigenin via ELISA. This antibody was also used for the generation of bispecific antibodies that bind cell-surface targets as well as digoxigenin (Dig) for targeted payload delivery (PMID: 21536919).

Antibody First Published in: Metz et al. Bispecific digoxigenin-binding antibodies for targeted payload delivery. *Proc Natl Acad Sci U S A.* 2011 May 17; 108(20): 8194-8199. [PMID:21536919](#)

Note on publication: Describes the generation of bispecific antibodies for targeted payload delivery.

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.