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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Cardiotin [R2G] Standard Size Ab03330-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgM format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: R2G

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): WB, IHC

Published Species Reactivity: canine, Caprine, Feline, Hamster, Monkey, Rabbit, Rat, Xenopus, Zebrafish, Human, Mouse

Immunogen: The original antibody was generated by immunizing a mouse with a total protein extract of chicken gizzard.

Specificity: The original antibody is specific for cardiotin. Cardiotin is a mitochondrion-associated protein, which is present in cardiomyocytes and skeletal muscle.

Application Notes: The antibody could detect cardiotin on microsomal swine heart samples by western blot analysis (Schaart et al., 1997; PMID: 9042960). The antibody revealed cardiotin in the longitudinal sarcoplasmic reticulum in normal atrial myocardium of goats in sinus rhythm by immunofluorescence staining (Ausma et al., 1997; PMID: 9327732). The antibody recognized cardiotin in cardiomyocytes by immunocytochemistry (Dispersyn et al., 2001; PMID: 11470462). The antibody was employed in immunohistochemistry for the detection of cardiotin (Dispersyn et al., 2002; PMID: 12042006 and Ausma et al. 2001; PMID: 11735256).

Antibody First Published in: Schaart et al. Characterization of cardiotin, a structural component in the myocard Eur J Cell Biol. 1993 Oct;62(1):34-48. [PMID:8269977](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

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.