



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Cardiotin [R2G] Standard Size Ab03330-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

**Isotype and Format:** Mouse IgM, 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:** 50 µg Purified antibody.

**Purification:** Affinity Purified using a recombinant lectin column

**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.