



# 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-cytochrome C [R1D3] Standard Size Ab03812-10.0

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**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** R1D3

**Alternative Name(s) of Target:** cyt c; Cytochrome c somatic

**UniProt Accession Number of Target Protein:** P62897

**Published Application(s):** ICC

**Published Species Reactivity:** Mouse

**Immunogen:**

**Specificity:** The antibody is specific for cytochrome c. The antibody binds to a variety of oxidatively modified cyt c species, such as nitrated at Tyr74 or oxidized at Met80, which lose the sixth heme ligation (Fe-Met80); it does not bind to several cyt c phospho- and acetyl-mimetics.

**Application Notes:** The antibody was employed to identify alternative conformations of cyt c in cells under oxidant- or senescence-induced challenge as confirmed by immunocytochemistry (Tomasina et al., 2022; PMID: 36378644).

**Antibody First Published in:** Tomasina et al. De novo sequencing and construction of a unique antibody for the recognition of alternative conformations of cytochrome c in cells Proc Natl Acad Sci U S A. 2022 Nov 22;119(47):e2213432119. [PMID:36378644](#)

**Note on publication:** The paper describes the sequencing of the original 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.