



SZABO SCANDIC

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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

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Anti-cytochrome C [R1D3] Standard Size Ab03812-10.3

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 IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

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