



# 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-NADPH oxidase 2 [NL7] Bulk Size Ab03684-10.3-BT

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:** NL7

**Alternative Name(s) of Target:** NOX2; CYBB; flavocytochrome b; Cyt b; Cytochrome b-245 heavy chain; CGD91-phox; Cytochrome b(558) subunit beta; Cytochrome b558 subunit beta; Heme-binding membrane glycoprotein gp91phox; Neutrophil cytochrome b 91 kDa polypeptide; Superoxide-generating NADPH oxidase heavy chain subunit; gp91-1; gp91-phox; gp91phox; p22 phagocyte B-cytochrome

**UniProt Accession Number of Target Protein:** P04839

**Published Application(s):** inhibition, WB, FC

**Published Species Reactivity:** Human

**Immunogen:** The antibody was generated by immunizing BALB/c mice with Cyt b.

**Specificity:** The antibody recognises NADPH oxidase 2 (Epitope EKDVITGLK). The antibody cross-reacts with PDIA3.

**Application Notes:** The antibody detected gp91phox by western blot analysis (Burrirt et al., 2003; PMID: 12794137 and Bechor et al., 2015; PMID: 25699251). This antibody was used for detection of gp91phox by flow cytometry. The specificity of the antibody for gp91phox was further confirmed by phage display epitope mapping. The antibody inhibited the NADPH oxidase activity before or during the initial stages of electron transfer (Burrirt et al., 2003; PMID: 12794137).

**Antibody First Published in:** Burrirt et al. Functional epitope on human neutrophil flavocytochrome b558 J Immunol. 2003 Jun 15;170(12):6082-9. [PMID:12794137](#)

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

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.