



# 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 b-245 light chain [44.1] Bulk Size Ab03686-2.0-BT

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** 44.1

**Alternative Name(s) of Target:** CYBA; flavocytochrome b; Cyt b; Cytochrome b(558) alpha chain; Cytochrome b558 subunit alpha; Neutrophil cytochrome b 22 kDa polypeptide; Superoxide-generating NADPH oxidase light chain subunit; p22 phagocyte B-cytochrome; p22-phox; p22phox

**UniProt Accession Number of Target Protein:** P13498

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

**Published Species Reactivity:** Human

**Immunogen:**

**Specificity:** The antibody recognises Cytochrome b-245 light chain (Epitope ATAGRF+GGPQVNPI).

**Application Notes:** The expression of p22phox from HEK-293 cells was confirmed by western blot with the antibody (Nakano et al., 2007; PMID: 17140397). The antibody detected p22phox by western blot analysis (Burritt et al., 1995; PMID: 7622517 and Taylor et al., 2004; PMID: 15585859). The antibody bound permeabilized neutrophils as shown by flow cytometric analysis. The antibody immunoprecipitated cytochrome b (Burritt et al., 1995; PMID: 7622517).

**Antibody First Published in:** Taylor et al. Cloning, sequence analysis and confirmation of derived gene sequences for three epitope-mapped monoclonal antibodies against human phagocyte flavocytochrome b. Mol Immunol. 2007 Jan;44(4):625-37. [PMID:16563510](#)

**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.