



# 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-BmSXP [Ab5b] Standard Size Ab04014-10.3

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

**Isotype and Format:** Human IgG1, Fc Silent™, Lambda

**Clone Number:** Ab5b

**Alternative Name(s) of Target:**

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** Lymphatic filariasis

**Immunogen:** The original antibody was isolated by panning a human scFv library against BmSXP antigen.

**Specificity:** The antibody is specific for BmSXP.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis (Rahumatullah et al., 2017; PMID: 29165352). The scFv format of the antibody was tested as QC reagents in two commercial rapid test kits for the detection of BmSXP. The antibody showed positive reaction with both rapid tests. Further, the antibody was able to capture the BmSXP recombinant protein through immunoaffinity purification (Rahumatullah et al., 2020; PMID: 31933469).

**Antibody First Published in:** Rahumatullah et al. Antibody-Based Protective Immunity against Helminth Infections: Antibody Phage Display Derived Antibodies against BmR1 Antigen Int J Mol Sci. 2017 Nov 22;18(11):2376. doi: 10.3390/ijms18112376. PMID:29165352

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