



# 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-BmR1 [Ab4] Bulk Size Ab04015-10.3-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 scFv format, created for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** Ab4

**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 BmR1 antigen.

**Specificity:** The antibody is specific for BmR1.

**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 and the Ab4-Fc construct were tested as QC reagents in two commercial rapid test kits for the detection of BmR1. Ab4-Fc showed positive reaction with both rapid tests, while Ab4 did not show reactivity with neither of them (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:** 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.