



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-BmR1 [Ab4] Standard Size Ab04015-10.3

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™, 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: 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.