



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-Polymerase cofactor VP35 [sFab H3] Standard Size Ab04444-10.3

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

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

Clone Number: sFab H3

Alternative Name(s) of Target: mVP35; VP35; Marburg VP35

UniProt Accession Number of Target Protein: Q03039

Published Application(s): crystallography, in vitro, ELISA

Published Species Reactivity: Lake Victoria marburgvirus

Immunogen: The original antibody was raised from a phage display library.

Specificity: This antibody is specific for interferon(IFN)-inhibitory-domain (VP35 IID) of Lake Victoria marburgvirus.

Application Notes: The original antibody was used for an ELISA on mVP35 IID protein. Further this antibody was used in hydrogen deuterium exchange mass spectrometry on mVP35 IID. Finally the structure of this antibody was determined using x-ray crystallography (Amatya et al., 2019; PMID:31120240).

Antibody First Published in: Amatya et al. Inhibition of Marburg Virus RNA Synthesis by a Synthetic Anti-VP35 Antibody ACS Infect Dis. 2019 Aug 9;5(8):1385-1396. PMID:31120240

Note on publication: The original paper used phage display to engineer a synthetic antibody, sFab H3, which binds the Marburg virus VP35 protein (mVP35).

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.