



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] Bulk Size Ab04444-15.0-BT

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

Isotype and Format: Human IgM, 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: 500 µg Purified antibody in bulk size.

Purification: Affinity Purified using a recombinant lectin column

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.