



# 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-gp140 [VHH5] Bulk Size Ab03521-1.159-BT

**Isotype and Format:** Mouse IgG1-Fc fusion

**Clone Number:** VHH5

**Alternative Name(s) of Target:** gp140 SOSIP

**UniProt Accession Number of Target Protein:**

**Published Application(s):** crystallization, neutralization, ELISA

**Published Species Reactivity:** HIV-1

**Immunogen:** The original antibody was generated by immunizing dromedaries with the trimeric subtype C gp140 SOSIPs followed by antibody library construction and phage display-based selection.

**Specificity:** The antibody is specific for gp140 SOSIP of subtype C.

**Application Notes:** The specificity of the original format of the antibody was confirmed by competition ELISA analysis. The structure of the antibody was determined. The antibody was able to neutralize subtype C of HIV (Koch et al. 2017; pmid:28827559).

**Antibody First Published in:** Koch et al. Selection of nanobodies with broad neutralizing potential against primary HIV-1 strains using soluble subtype C gp140 envelope trimers Sci Rep. 2017 Aug 21;7(1):8390.

[PMID:28827559](#)

**Note on publication:** The original paper describes the generation and characterization of a set of antibodies obtained by phage display.

### Product Form

**Size:** 500 µg 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.