



# 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 [VHH28] Standard Size Ab03522-1.159

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

**Clone Number:** VHH28

**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. The antibody cross-reacts with subtypes A and G.

**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, subtypes A and G (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:** 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.