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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-gp140 [VHH5] Bulk Size Ab03521-23.159-BT

Isotype and Format: Rabbit IgG-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: 1 mg 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.