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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-gp41 [SL5] Ab03633-30.11-BT

This is an scFv fragment with a His tag.

Isotype and Format: scFv fragment (His), ScFv

Clone Number: SL5

Alternative Name(s) of Target: Envelope glycoprotein gp160; Transmembrane protein gp41; Glycoprotein 41

UniProt Accession Number of Target Protein: B0LB91

Published Application(s): neutralization, ELISA

Published Species Reactivity: Simian immunodeficiency virus

Immunogen: A single chain fragment variable (scFv) phage display library was constructed from a simian immunodeficiency virus (SIV)-infected rhesus macaque. The original antibody was isolated by panning onto oligomeric (gp140) and monomeric (gp120) forms of SIV Env glycoprotein.

Specificity: The antibody is specific for gp41.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The scFv format was able to neutralize SIVmac316. The original antibody was converted in the scFv-Fc format and its specificity validated by WB (Ita et al., 2017; PMID: 28075174).

Antibody First Published in: Ita et al. Analysis of SIVmac Envelope-Specific Antibodies Selected Through Phage Display. AIDS Res Hum Retroviruses. 2017 Aug;33(8):869-879. [PMID:28075174](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.