



# 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-gp41 [SL5] Standard Size Ab03633-23.0

This full-length chimeric rabbit antibody was made using the variable domain sequences of the original scFv format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Rabbit IgG, Lambda

**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:** 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.