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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-gp41 [A7] Standard Size Ab03525-23.0

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

Isotype and Format: Rabbit IgG, Lambda

Clone Number: A7

Alternative Name(s) of Target: Envelope glycoprotein GP41; transmembrane protein gp41

UniProt Accession Number of Target Protein:

Published Application(s): in vitro neutralization, ELISA

Published Species Reactivity: HIV-1

Immunogen: A phage immune library generated from a long-term non-progressors with HIV neutralizing antibodies in his plasma. The phage library was screened on recombinant soluble gp140 envelope (Env) proteins and the antibody was isolated.

Specificity: The antibody is specific for gp41, and it binds to structural elements of the third variable loop V3.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody showed neutralizing activity against a panel of standardized Tier 1 and Tier 2 HIV-1 pseudo virions on Tzm-bl cells (Trott et al., 2014; PMID:24828352).

Antibody First Published in: Trott et al. Functional characterization of two scFv-Fc antibodies from an HIV controller selected on soluble HIV-1 Env complexes: a neutralizing V3- and a trimer-specific gp41 antibody PLoS One. 2014 May 14;9(5):e97478. [PMID:24828352](#)

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.