



SZABO SCANDIC

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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

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-CNPS [3E5] Standard Size Ab00354-10.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG3 format for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human F(ab)2, AbFab2™ His-Tagged, Kappa

Clone Number: 3E5

Alternative Name(s) of Target: CNPS; Cryptococcus neoformans capsular polysaccharide, glucuronoxylomannan;

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity: Cryptococcus neoformans

Immunogen: A covalent serotype A Glucuronoxylomannan (GXM) -tetanus toxoid conjugate (GXM-TT).

Specificity: Specifically binds to CNPS.

Application Notes: This antibody binds to Glucuronoxylomannan (GXM), which is the main constituent of the C. neoformans capsule and modulates the inflammatory response of monocytes. In a later study conducted by Yuan et al. 1998 (PMID: 9488395), it was shown that switching the original murine IgG3 antibody to other IgG subtypes, in particular IgG2A, significantly prolonged animal survival in an infection model.

Antibody First Published in: Casadevall et al. 1992 Antibodies elicited by a Cryptococcus neoformans-tetanus toxoid conjugate vaccine have the same specificity as those elicited in infection. Journal of Infectious Diseases 1992; 165(6):1086-1093 [PMID:1583327](#)

Note on publication: Describes the generation of nine monoclonal antibodies from the spleen of a GXM-TT-immunized mouse.

Product Form

Size: 200 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.