



# 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-CNPS [3E5] Bulk Size Ab00354-10.7-BT

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:** 1 mg 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.