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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-CNPS [3E5] Standard Size Ab00354-10.0

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 IgG1, 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: 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.