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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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-GXM [2E9] Ab03489-13.5-BT

This reformatted human antibody was made using the variable domain sequences of the original Human IgM format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Human IgG4-Fc, Lambda

Clone Number: 2E9

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

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, IF

Published Species Reactivity: Cryptococcus neoformans

Immunogen: The original antibody was generated from the peripheral blood lymphocytes of glucuronoxylomannan-tetanus toxoid conjugate (GXM-TT)-immunized individual.

Specificity: This antibody is specific for GXM or glucuronoxylomannan from Cryptococcus neoformans. GXM is a polysaccharide expressed on the surface of C. neoformans. This antibody binds an epitope of C. neoformans that is different from the epitope of another anti-GXM antibody 2H1.

Application Notes: This antibody was used for the immunofluorescent labelling of C. neoformans serotype D and A. This antibody can be used in combination with another anti-GXM antibody 2H1 for detection of all four serotypes of C. neoformans GXM using sandwich ELISA. The antibody 2H1 is used as capture antibody and 2E9 is used as a detection antibody (PMID: 7622223).

Antibody First Published in: Pirofski et al. Analysis of human monoclonal antibodies elicited by vaccination with a Cryptococcus neoformans glucuronoxylomannan capsular polysaccharide vaccine. Infect Immun. 1995 Aug;63(8):3005-14. [PMID:7622223](#)

Note on publication: Describes the generation of two human antibodies from the peripheral blood lymphocytes (PBLs) of a GXMTT-immunized individual.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

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.