

Anti-GXM [3E5] Standard Size Ab02850-23.0

This chimeric rabbit 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: Rabbit IgG, Kappa

Clone Number: 3E5

Alternative Name(s) of Target: Glucuronoxylomannan

UniProt Accession Number of Target Protein:

Published Application(s): ELISA, IHC

Published Species Reactivity: Cryptococcus neoformans

Immunogen: This antibody was raised by immunizing mice with GXM-TT.

Specificity: This antibody is specific for GMX from Cryptococcus neoformans.

Application Notes: ELISA was preformed on CNPS-A using the murine version of this antibody (Mukherjee et al, 1993; pmid:8459205). This antibody was used for immunohistochemistry on lung tissue from mice infected with strains 24067 of C. neoformans. To determine the ability of antibodies to protect against pulmonary fungal pathogens (Feldmesser and Casadevall, 1997; pmid:8992996).

Antibody First Published in: Mukherjee et al. Molecular characterization of the humoral responses to Cryptococcus neoformans infection and glucuronoxylomannan-tetanus toxoid conjugate immunization. J Exp Med. 1993 Apr 1;177(4):1105-16. [PMID:8459205](#)

Note on publication: The molecular characteristics of the humoral immune response to a serotype A Cryptococcus neoformans infection were compared with the response elicited by a cryptococcal glucuronoxylomannan-tetanus toxoid (GXM-TT) conjugate.

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.