



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-GP25-200 [4H9] Standard Size Ab03422-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Mouse IgM, Kappa

**Clone Number:** 4H9

**Alternative Name(s) of Target:** GP25-200 antigen

**UniProt Accession Number of Target Protein:**

**Published Application(s):** therapeutic, WB, ELISA

**Published Species Reactivity:** Cryptosporidium parvum

**Immunogen:** The original antibody was generated by immunizing female BALB/c mice intraperitoneally and subcutaneously with purified P23 emulsified in monophosphoryl A-trehalose dimycolate adjuvant.

**Specificity:** This antibody binds the GP25-200 antigen of Cryptosporidium parvum. Cryptosporidium parvum is a coccidian parasite that infects intestinal epithelium and causes diarrheal disease in humans and other agriculturally important food animals for which specific therapy and immunoprophylaxis are unavailable. Cryptosporidiosis is self-limiting in hosts with normal immune systems; however, in neonates, the elderly, and hosts having congenital or acquired immunodeficiency diseases or chemotherapy-induced immunosuppression, cryptosporidial enterocolitis may become chronic and have severe consequences.

**Application Notes:** This antibody can be used for the identification of sporozoites and GP25-200 antigen of C. parvum using western blot. The identification of sporozoite-neutralizing antibody was done using ELISA (PMID: 10768951). This antibody in combination with PLA2 or LL37 was also used in the generation of a biocide fusion proteins to kill C. parvum sporozoites in vitro and in vivo (PMID: 20086143).

**Antibody First Published in:** Schaefer et al. Characterization and formulation of multiple epitope-specific neutralizing monoclonal antibodies for passive immunization against cryptosporidiosis. Infect Immun. 2000 May;68(5):2608-16. [PMID:10768951](#)

**Note on publication:** Describes the generation and characterization of antibodies against multiple epitope of C. parvum to provide passive immunization against Cryptosporidiosis.

## Product Form

**Size:**

50 µg Purified antibody.

**Purification:** Affinity Purified using a recombinant lectin column

**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.