



# 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-M protein, serotype 5 [6.5.1/113.2.1] Bulk Size Ab03919-23.0-BT

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** 6.5.1/113.2.1

**Alternative Name(s) of Target:** Streptococcal M-protein; Actin; Keratin; DNA; Vimentin

**UniProt Accession Number of Target Protein:** P02977

**Published Application(s):** ELISA

**Published Species Reactivity:** Streptococcus pyogenes

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with streptococcal M type 5 membranes followed by a second, boosting dose of Lysin M5.

**Specificity:** This antibody reacts with  $\alpha$ -helical molecules and the carbohydrate N-acetyl-b-D-glucosamine (GlcNAc). Specifically, it binds streptococcal M-protein, actin, keratin, DNA, and vimentin.

**Application Notes:** This antibody binds myosin at a low relative avidity, as determined in a competitive ELISA (Mertens et al., 2000; PMID: 11282394).

**Antibody First Published in:** Cunningham et al. Human and murine antibodies cross-reactive with streptococcal M protein and myosin recognize the sequence GLN-LYS-SER-LYS-GLN in M protein J Immunol. 1989 Oct 15;143(8):2677-83 [PMID:2677144](#)

**Note on publication:** The original publication describes the use of overlapping synthetic peptides to map the myosin cross-reactive epitopes of streptococcal M protein recognized by antibodies from acute rheumatic fever and rheumatic heart disease sera.

### 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.