

# Streptococcus pyogenes

*Streptococcus pyogenes*, commonly known as Group A Streptococcus, is a significant human pathogen responsible for a wide range of severe infections, including pharyngitis, scarlet fever, rheumatic fever, and streptococcal toxic shock syndrome. This bacterium spreads easily through direct contact or respiratory droplets, making it a considerable threat, particularly in densely populated environments. **Understanding its antigens and antibodies is crucial** for advancing diagnostics, treatment, and prevention strategies.

A key factor in the virulence of *Streptococcus pyogenes* lies in its diverse antigenic proteins, such as the **M protein**, **Cas9 protein** and **Sortase protein**. These antigens play pivotal roles in bacterial infection and the host immune response, serving as **essential targets for vaccine development and therapeutic interventions**. **Specific antibodies against these antigens are invaluable tools** for studying pathogenic mechanisms and designing effective diagnostic and therapeutic approaches.

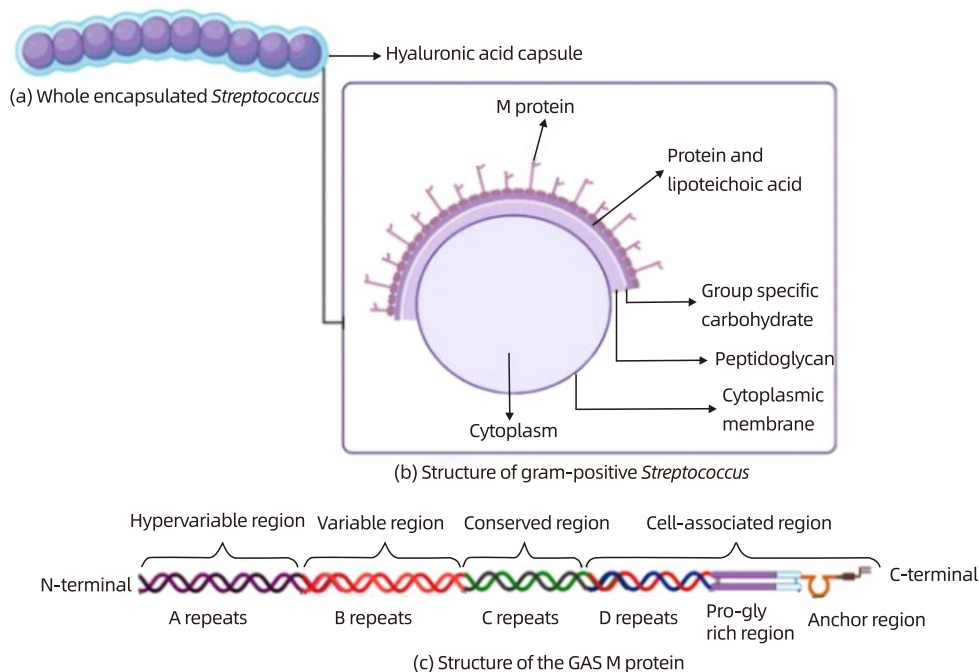


Fig.1 Gram-positive *Streptococcus pyogenes* schematic

**Abinscience** offers rigorously validated antigens and highly specific antibodies for ***Streptococcus pyogenes*** research. These reliable tools empower researchers to advance the understanding of pathogenesis and drive innovations in diagnostics and therapeutics.

Catalog No.	Product Name
<b>Protein</b>	
JN883012	Recombinant Streptococcus pyogenes M protein type 1 Protein, N-His-KSI
JN883022	Recombinant Streptococcus pyogenes M protein/emm12 Protein, N-His-KSI
JN883032	Recombinant Streptococcus pyogenes M protein Protein, N-His
JN883042	Recombinant Streptococcus pyogenes M protein Protein, N-His
JN883052	Recombinant Streptococcus pyogenes M protein type 1 Protein, N-His
JN883062	Recombinant Streptococcus pyogenes M1 protein Protein, C-His
JN851012	Recombinant Streptococcus pyogenes arp4/IgA receptor Protein, N-His
JN936022	Recombinant Streptococcus pyogenes EndoS Protein, N-GST
JN045052	Recombinant Streptococcus pyogenes Cas9 Protein, N-His
JN045032	Recombinant Streptococcus pyogenes Cas9 Protein, N-His-MBP
JN045042	Recombinant Streptococcus pyogenes Cas9 Protein, N-His
JN029012	Recombinant Streptococcus pyogenes ska/Streptokinase Protein, N-His-SUMO
JN974012	Recombinant Streptococcus pyogenes sortase Protein, N-His
<b>Antibody</b>	
JN883014	Anti-Streptococcus pyogenes M protein Polyclonal Antibody
JN883024	Anti-Streptococcus pyogenes M protein Polyclonal Antibody
JN883034	Anti-Streptococcus pyogenes M protein Polyclonal Antibody
JN883044	Anti-Streptococcus pyogenes M protein Polyclonal Antibody
JN883054	Anti-Streptococcus pyogenes M protein Polyclonal Antibody
JN883064	Anti-Streptococcus pyogenes M protein type 1 Polyclonal Antibody
JN974014	Anti-Streptococcus pyogenes sortase Polyclonal Antibody
JN851014	Anti-Streptococcus pyogenes arp4/IgA receptor Polyclonal Antibody
JN936014	Anti-Streptococcus pyogenes EndoS Polyclonal Antibody
JN045014	Anti-Streptococcus pyogenes Cas9 Polyclonal Antibody

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