

Streptolysin O Rabbit pAb

Catalog Number: bs-41190R

Target Protein: Streptolysin O

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Streptococcus

Predicted MW: 64 kDa

Subcellular: Secreted, Cell membrane

Locations:

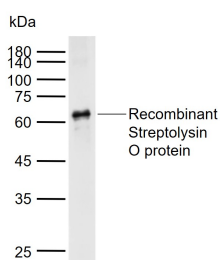
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Streptolysin is a streptococcal hemolytic exotoxin. Types include streptolysin O (SLO), which is oxygen-labile, and streptolysin S (SLS), which is oxygen-stable. An antibody, antistreptolysin O, can be detected in an antistreptolysin O titre. Streptolysin O is hemolytically active only in a reversibly reduced state, unlike streptolysin S, which is stable in the presence of oxygen. Another difference is that SLO is antigenic, while SLS is not antigenic due to its small size. The main function of streptolysin O is to cause hemolysis (the breaking open of red blood cells) — in particular, beta-hemolysis. Increased levels of aso titre in the blood could cause damage to the heart and joints. In most cases, penicillin is used to treat patients with increased levels of aso titre.

VALIDATION IMAGES



Sample: Lane 1: Recombinant Streptolysin O protein, His Primary: Anti-Streptolysin O (bs-41190R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kDa
Observed band size: 62 kDa