

Antibody Datasheet

Name: Rabbit Anti-Streptolysin O Antibody

Product Code: PAB21484-100

Batch #:

Date of Manufacture:

Product Description: Anti-Streptolysin O antibody, rabbit polyclonal.

Isotype: IgG

Amount: 0.1 ml

Presentation: Undiluted serum with 0.09 % sodium azide.

Preservative: 0.09 % sodium azide

Immunogen: His6-tagged full-size recombinant SLO of *S. dysgalactiae* subsp. *equismilis* H46A (group C hemolytic Streptococci) expressed and highly purified from *E. coli*.

Specificity: Streptolysin O of Group A,C,and G origins

Applications: Western blotting (x2,000~10,000 dilution), Dot blotting, Neutralization of hemolysis by Streptolysin O (SLO) 3) Immunoprecipitation, ELISA.

Usage Guidelines

Short Term Storage: +4°C

Long Term Storage: -20°C

Storage Guidelines: Avoid multiple freeze-thaw cycles



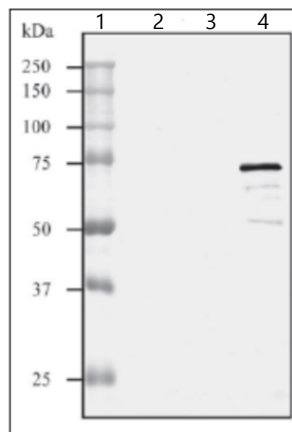
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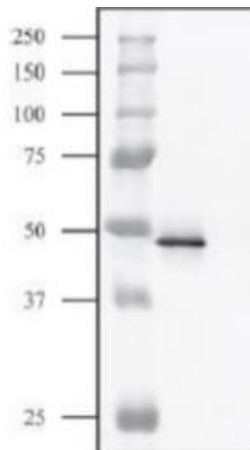
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Western Blot: WB analysis of culture supernatant from GAS strain Sa and GCS strain H46A with the anti-SLO antibody. The antibody was used at 1/2,000 dilution. Most of SLO in culture medium of GAS strain Sa is proteolytically degraded (Lane 3), accounting for low activity level of SLO in the culture of this strain. The two faint bands below SLO band (Lane 4) are partially degraded SLO.



- 1: MW marker
- 2: Medium only
- 3: Culture supernatant of GAS strain Sa
- 4: Culture supernatant of GCS strain H46A

Western Blot: WB analysis of concentrated culture supernatant of GAS strain Sa with the anti-SLO antibody. Culture supernatant was approximately 1,000~2,000 fold concentrated from culture medium by ammonium fractionation and heat-precipitation. The SLO of GSA strains is degraded by an exoprotease called streptococcal pyrogenic exotoxin B and both the concentration and size of SLO in culture medium is decreased from native one.



- 1: MW marker
- 2: Concentrated culture of GSA strain Sa
- 3: Concentrated medium only

X

QC

X

QA

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.