

# Streptolysin O antibody

**Cat. No. GTX64171**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IP, Dot, ELISA, Neutralizing/Inhibition
<b>Reactivity</b>	Streptococcus

References ( 2 )

Package

100 µl

## Applications

### Application Note

Western blotting (1:2,000-1:10,000 dilution)

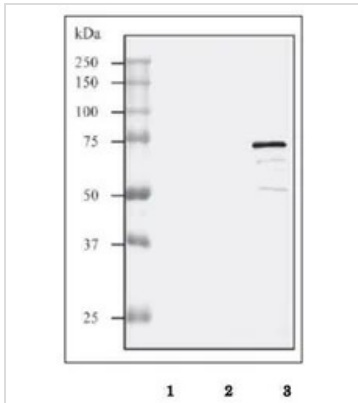
## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Serum
<b>Preservative</b>	0.09% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	His6-tagged full-size recombinant SLO of <i>S. dysgalactiae</i> subsp. <i>equismilis</i> H46A (group C hemolytic Streptococci) expressed and highly purified from <i>E. coli</i>
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.  Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



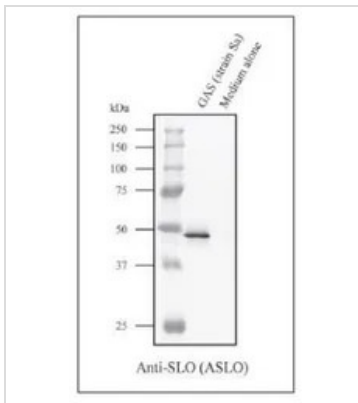
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## DATA IMAGES



### GTx64171 WB Image

Western blot analysis of culture supernatant from GAS strain Sa and GCS strain H46A with the anti-SLO antibody. Lane 1; Medium only Lane 2\*; Culture supernatant of GAS strain Sa Lane 3\*\*; Culture supernatant of GCS strain H46A The antibody was used at 1/2,000 dilution \* Most of SLO in culture medium of GAS strain Sa is proteolytically degraded, accounting for low activity level of SLO in the culture of this strain. Condensed sample is analyzed in Fig. 2. \*\* The two faint bands below SLO band are partially degraded SLO.



### GTx64171 WB Image

Western blot 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. Lane 1; Concentrated culture of GSA strain Sa Lane 2; Concentrated medium only



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