Anti- Streptococcus NADase Inhibitor antibody, rabbit serum

Product code	64-004
Size	100 µl
Storage	Store 4℃ for short term For long term storage store at -20℃. Aliquot to avoid repeated freezing and thawing.
Concentration	N/A
Buffer	0.09% sodium azide
Purity	Rabbit antiserum
Immunogen	Purified recombinant His-tagged NADase inhibitor of *S. dysgalactiae* expressed in *E. coli*
Isotype	Rabbit IgG
Reactivity	NADase inhibitor of Streptococcus
Special notes	N/A
Application	1. Western blotting (1/3,000 dilution) 2. Immunoprecipitation 3. ELISA
Background	NAD (nicotinamide adenine dinucleotide) hydrolyzing enzyme is one of the extracellular enzymes and toxins produced by hemolytic streptococci. NADase inhibitor forms a complex with NADase in cells and only NADase is secreted into culture medium.
Data Link	UniProt KB U3TL99 (Streptococcal NAD glycohydrolase inhibitor)

Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.

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Data Images: 64-004 Anti- Streptococcus NADase Inhibitor antibody, rabbit serum

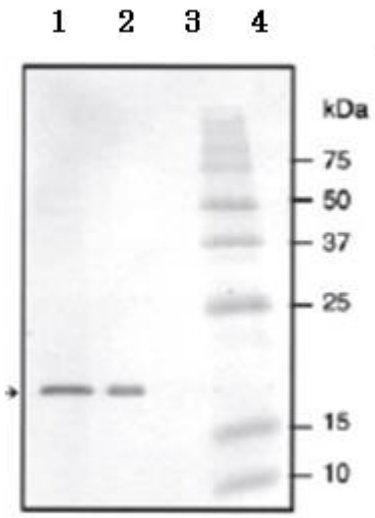

Figure. Identification of NADase inhibitor in crude extracts by western blotting with anti NADase inhibitor antibody.

The antibody was used at 1/3,000 dilution.

1. Cell lysate of *S. dysgalactiae*
2. Cell lysate of *E. coli* overexpressing His-tagged NADase NADase inhibitor.
3. Culture supernatant of *S. dysgalactiae*
4. Molecular size markers.

References : This antibody was described and used in the following publication.

Kimoto H *et al* "Genetic and biochemical properties of streptococcal NAD-glycohydrolase inhibitor" *J Biol Chem* **281**: 9181-9189 (2006) PMID: 16380378

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