

Datasheet for ABIN7179505  
**anti-Streptococcal Pyrogenic Exotoxin B (SPEB) (AA 146-398)  
antibody**

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## 1 Image

### Overview

Quantity:	100 µg
Target:	Streptococcal Pyrogenic Exotoxin B (SPEB)
Binding Specificity:	AA 146-398
Reactivity:	Streptococcus pyogenes
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	Recombinant Streptococcus pyogenes serotype M28 Streptopain protein (146-398AA)
Isotype:	IgG
Cross-Reactivity:	Streptococcus pyogenes
Purification:	>95%, Protein G purified

### Target Details

Target:	Streptococcal Pyrogenic Exotoxin B (SPEB)
Alternative Name:	speB ( <a href="#">SPEB Products</a> )
Background:	Background: Important streptococcal virulence factor which cleaves human fibronectin and degrades vitronectin. Also cleaves human IL1B precursor to form biologically active IL1B. Can

## Target Details

induce apoptosis in human monocytes and epithelial cells in vitro, and reduces phagocytic activity in monocytic cells. Thus, may play a role in bacterial colonization, invasion, and inhibition of wound healing (By similarity).

Aliases: speB antibody, M28\_Spy1721 antibody, Streptopain antibody, EC 3.4.22.10 antibody, Exotoxin type B antibody, SPE B antibody, Streptococcal cysteine proteinase antibody, Streptococcus peptidase A antibody, SPP antibody

UniProt: [Q48R29](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

## Handling

Format: Liquid

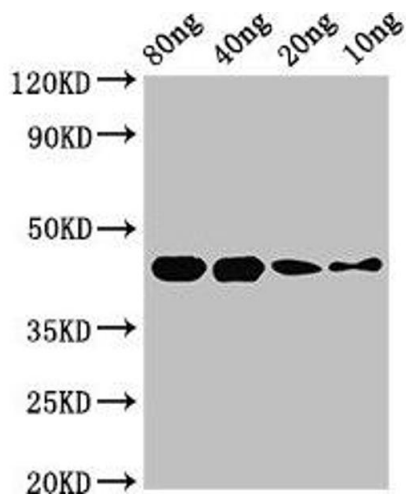
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western Blot Positive WB detected in Recombinant protein All lanes: speB antibody at 2.8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44 kDa Observed band size: 44 kDa