

Datasheet for ABIN7179506

**anti-Streptococcal Pyrogenic Exotoxin B (SPEB) (AA 146-398)
antibody (Biotin)**[Go to Product page](#)

Overview

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

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 (SPEB Products)
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: Optimal working dilution should be determined by the investigator.

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.