



[Go to Product page](#)

Datasheet for ABIN1994326

anti-Toxin of epsilon-zeta Postsegregational Killing System (ZETA) (AA 1-287) antibody (FITC)

Overview

Quantity:	100 µg
Target:	Toxin of epsilon-zeta Postsegregational Killing System (ZETA)
Binding Specificity:	AA 1-287
Reactivity:	Streptococcus agalactiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	FITC
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Streptococcus agalactiae Toxin zeta protein (1-287AA)
Isotype:	IgG
Cross-Reactivity:	Streptococcus agalactiae
Purification:	>95%, Protein G purified

Target Details

Target:	Toxin of epsilon-zeta Postsegregational Killing System (ZETA)
Alternative Name:	Toxin zeta (ZETA Products)
Background:	Background: Toxic component of a toxin-antitoxin (TA) module. Phosphorylates UDP-N-acetyl-D-glucosamine (UNAG) on the 3'-hydroxyl group of the N-acetyl-D-glucosamine moiety,

Target Details

yielding UNAG-3P. UNAG-3P inhibits MurA, the first committed step in cell wall synthesis, which is then blocked. Phosphorylation is inhibited by cognate epsilon antitoxin. Part of a postsegregational killing (PSK) system involved in the killing of plasmid-free cells. The zeta toxin induces programmed cell death

Aliases: antibody, Toxin zeta antibody, UDP-N-acetylglucosamine kinase antibody, UNAG kinase antibody, EC 2.7.1.176 antibody

UniProt: [P0A4M2](#)

Application Details

Application Notes: Optimal working concentration 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.

Handling Advice: Avoid repeated freeze.

Storage: -20 °C, -80 °C

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