



sulA Antibody

Product Code	CSB-PA365383LA01ENV
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P0AFZ5
Immunogen	Recombinant Escherichia coli Cell division inhibitor SulA protein (1-169AA)
Raised In	Rabbit
Species Reactivity	Escherichia coli
Tested Applications	ELISA
Relevance	Component of the SOS system and an inhibitor of cell division. Accumulation of SulA causes rapid cessation of cell division and the appearance of long, non-septate filaments. In the presence of GTP, binds a polymerization-competent form of FtsZ in a 1:1 ratio, thus inhibiting FtsZ polymerization and therefore preventing it from participating in the assembly of the Z ring. This mechanism prevents the premature segregation of damaged DNA to daughter cells during cell division. The effect of overexpression of SulA is neutralized by antitoxin CbeA (yeeU) (PubMed:22515815).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Cell division inhibitor SulA, sulA, sfiA
Species	Escherichia coli (strain K12)
Research Area	Others
Target Names	sulA