ICSB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ICSB, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri ICSB Polyclonal Antibody
Product Gene Name	anti-ICSB antibody
Product Synonym Names	ICSB Antibody; Virulence protein IcsB icsB CP0132
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Shigella flexneri
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	56,408 Da
3D Structure	ModBase 3D Structure for P33546
Immunogen	Recombinant Shigella flexneri icsB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ICSB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ICSB antibody	MBS7158179 is an antibody targeting ICSB. Also known as Rabbit anti-Shigella flexneri ICSB Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-ICSB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ICSB. It may not necessarily be applicable to this product.

NCBI GI #	13449078
NCBI GeneID	876528
NCBI Accession #	NP_085294.1
UniProt Primary Accession #	P33546
UniProt Secondary Accession #	Q6XVY5; Q8VSH5; Q9AFS3

GenBank Nucleotide #	NC_002698.1
NCBI Official Full Name	invasion protein (plasmid)
NCBI Official Symbol	icsB
NCBI Official Synonym Symbols	S0140
UniProt Protein Name	Virulence protein IcsB
Protein Family	Virulence protein
UniProt Gene Name	icsB
NCBI Protein Information	invasion protein
UniProt Comments for ICSB	Virulence-associated effector required at the post-invasion stage of Shigella pathogenicity.
Research Articles on ICSB	**1.** These results indicate that IcsB and VirA act synergistically to allow bacteria to escape from LC3-positive vacuoles by acting at or in the immediate vicinity of the vacuole membrane(s).
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