

Product Datasheet

Cholera Toxin Beta Antibody [HRP] **NB100-65494**

Unit Size: 0.5 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 3/30/2022 v.20.1

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NB100-65494

Cholera Toxin Beta Antibody [HRP]

Product Information

Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.002% Thimerosal
Isotype	IgG
Conjugate	HRP
Purity	IgG purified
Buffer	PBS and 1.0% BSA

Product Description

Host	Rabbit
Species	Bacteria
Specificity/Sensitivity	NB100-63067 is specific for the beta subunit of cholera toxin. The beta subunit of cholera toxin binds to a GM1-ganglioside receptor which is widely accepted to initiate toxin action by triggering uptake and delivery of the toxin alpha subunit into cells. The holotoxin consists of a pentameric ring of beta subunits whose central pore is occupied by the alpha subunit. The alpha subunit contains two chains, A1 and A2, linked by a disulfide bridge. The alpha subunit (and cholera toxin) activate the adenylate cyclase enzyme in cells of the intestinal mucosa leading to increased levels of intracellular cAMP. This antibody immunoprecipitates cholera toxin in gel techniques.
Immunogen	Purified cholera toxin

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:20-1:200, ELISA 1:200-1:1000



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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