

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

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

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Species</b>	Bacteria
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Purified cholera toxin

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	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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