

Product Datasheet

Cholera Toxin Beta Antibody - BSA Free NB100-63067

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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NB100-63067

Cholera Toxin Beta Antibody - BSA Free

Product Information

Unit Size	0.5 ml
Concentration	4 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	IgG purified
Buffer	PBS

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	ELISA, Immunodiffusion, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	ELISA 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Frozen, Immunodiffusion
Application Notes	Use in Immunohistochemistry-Frozen reported in scientific literature (PMID 24996127)

Publications

Han C, Kang H, Yi J et al. Single-vesicle imaging and co-localization analysis for tetraspanin profiling of individual extracellular vesicles Extracell Vesicles 2021-01-10 [PMID: 33456726]

Hegarty DM, Hermes SM, Largent-Milnes TM, Aicher SA. Capsaicin-responsive corneal afferents do not contain TRPV1 at their central terminals in trigeminal nucleus caudalis in rats. J. Chem. Neuroanat. 2014-07-01 [PMID: 24996127] (IHC-Fr)





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Products Related to NB100-63067

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-61449-1mg	Recombinant Cholera Toxin Beta Protein

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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