

# Product Datasheet

## BoNT-C1 Heavy Chain Antibody

### AF5425-SP

Unit Size: 25 ug

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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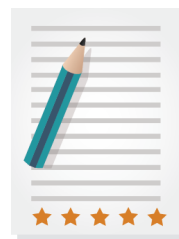
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**AF5425-SP****BoNT-C1 Heavy Chain Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	25 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. *Small pack size (SP) is supplied as a 0.2 µm filtered solution in PBS.
<b>Product Description</b>	
<b>Host</b>	Sheep
<b>Gene ID</b>	10523893
<b>Gene Symbol</b>	CbC4_4096
<b>Species</b>	<i>C. botulinum</i>
<b>Reactivity Notes</b>	<i>C. botulinum</i>
<b>Specificity/Sensitivity</b>	Detects <i>C. botulinum</i> BoNT-C1 Heavy Chain in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant (r) BoNT-D-HCR is observed and 5% cross-reactivity with rBoNT-A-HCR, rBoNT-A-LC, and rBoNT-B-LC is observed.
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant BoNT-C1 Heavy Chain Asn866-Glu1291 Accession # P18640
<b>Notes</b>	This product is produced by and ships from R&D Systems, Inc., a Bio-Techne brand.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 0.1 ug/mL, Immunoprecipitation 25 ug/mL





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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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