

# Product Datasheet

## Salmonella Antibody (5D12A) [Biotin] NB200-411B

Unit Size: 0.2 ml

Store at 4C in the dark.

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**NB200-411B****Salmonella Antibody (5D12A) [Biotin]**

<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5D12A
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Biotin
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Bacteria
<b>Reactivity Notes</b>	This antibody detects Salmonella enteritidis, paratyphi, choleraesuis, newport, anatum, selandia and typhimurium. It does not react with E. coli, or Klebsiella.
<b>Specificity/Sensitivity</b>	Binding constants ( $K_a$ , M <sup>-1</sup> ) of MAbs with LPS of A, B and D groups are as follows: LPS A = $1 \times 10^9$ , LPS B = $1 \times 10^7$ , LPS D = $1 \times 10^7$ , LPS E = $1 \times 10^{10}$ .
<b>Immunogen</b>	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with heat inactivated bacterial cells of Salmonella enteritidis (group D), paratyphi (group A) and typhimurium (group B).
<b>Notes</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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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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