

# Product Datasheet

## Salmonella Antibody (5D12A) [DyLight 488] NB200-411G

Unit Size: 0.2 ml

Store at 4C in the dark.

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**NB200-411G**

Salmonella Antibody (5D12A) [DyLight 488]

Product Information	
Unit Size	0.2 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	5D12A
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	DyLight 488
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Species	Bacteria
Reactivity Notes	This antibody detects Salmonella enteritidis, paratyphi, choleraesuis, newport, anatum, selandia and typhimurium. It does not react with E. coli, or Klebsiella.
Specificity/Sensitivity	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 = $1 \times 10^{10}$ .
Immunogen	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).
Notes	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. 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.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	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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