

# Product Datasheet

## Ryanodine Receptor 1 Antibody (C3-33) [Alexa Fluor™ Plus 488] NB120-2827AFP488

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB120-2827AFP488**

Ryanodine Receptor 1 Antibody (C3-33) [Alexa Fluor™ Plus 488]

Product Information	
Unit Size	0.1 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	C3-33
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor Plus 488
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	6261
Gene Symbol	RYR1
Species	Human, Mouse, Rat, Porcine, Amphibian, Bovine, Canine, Chicken, Fish, Guinea Pig, Rabbit
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 12456488). Bovine (PMID: 15896674).
Specificity/Sensitivity	Detects ryanodine receptor 2 (RyR 2) and weakly detects RyR 1.
Immunogen	Canine cardiac ryanodine receptor (RyR2)
Notes	<p>This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a>. 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.</p>

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation



<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB120-2827AFP488**

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NBP2-33785PEP	Ryanodine Receptor 1 Recombinant Protein Antigen
NBL1-11414	Glycophorin E Overexpression Lysate
NBP3-40405	Human Ryanodine Receptor 1 - Ready-To-Use ELISA Kit (Colorimetric)
NB100-56503	Cytochrome c Antibody (7H8.2C12) - BSA Free

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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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