

Product Datasheet

Ryanodine Receptor 2 Antibody (C3-33) - BSA Free NBP2-80143

Unit Size: 100 ug

Store at -20 degrees C. Avoid freeze/thaw cycles.

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NBP2-80143**Ryanodine Receptor 2 Antibody (C3-33) - BSA Free**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 degrees C. Avoid freeze/thaw cycles.
Clonality	Monoclonal
Clone	C3-33
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

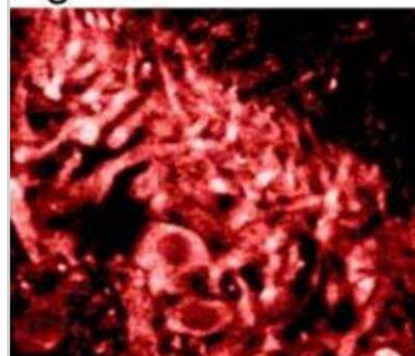
Product Description	
Description	Novus Biologicals Mouse Ryanodine Receptor 2 Antibody (C3-33) - BSA Free (NBP2-80143) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-Ryanodine Receptor 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6262
Gene Symbol	RYR2
Species	Human, Mouse, Rat, Porcine, Amphibian, Bovine, Canine, Chicken, Fish, Guinea Pig, Rabbit
Specificity/Sensitivity	Detects Ryanodine Receptor 2. Also shows cross-reactivity with Ryanodine Receptor 1 in amphibian, canine, chicken, fish, guinea pig and rat tissues.
Immunogen	Canine cardiac ryanodine receptor (RyR2)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1 ug/ml, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1 ug/ml, Immunohistochemistry-Frozen 1 ug/ml
Application Notes	<p>WB: Detects an approx. 565 kDa protein representing the ryanodine receptor. In non-mammalian vertebrates, a doublet is seen at 565 kDa representing the alpha and beta isoforms of the receptor.</p> <p>IHC: Staining of RyR in rat cardiac tissue results in intense staining of the myofiber, which is consistent with sarcoplasmic reticulum localization.</p>

Images

Immunocytochemistry/Immunofluorescence: Ryanodine Receptor 2 Antibody (C3-33) [NBP2-80143] - ICC/IF analysis of rat brain hippocampus tissue shows that Ryanodine Receptor 2 Antibody (C3-33) crossreacts with Ryanodine Receptor 2.

Fig. 1



Publications

Yang HW, Lin CY, Lin FZ et al. Phosphodiesterase-1 inhibitor modulates Ca²⁺ regulation in sirtuin 1-deficient mouse cardiomyocytes European journal of pharmacology 2021-09-08 [PMID: 34506778] (WB, Mouse)



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Products Related to NBP2-80143

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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