

# Product Datasheet

## Ryanodine Receptor 1 Antibody NBP2-76960

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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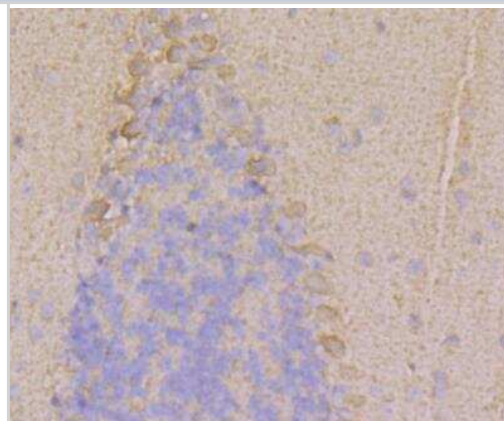
**NBP2-76960**

## Ryanodine Receptor 1 Antibody

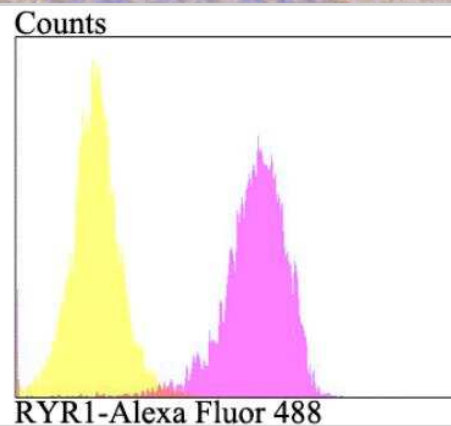
| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 100 ul   |
| Concentration               | 1 mg/ml  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| Clonality                   | Polyclonal   |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG  |
| Purity                      | Immunogen affinity purified  |
| Buffer                      | PBS (pH7.4), 0.2% BSA, 50% Glycerol  |
| Target Molecular Weight     | 565 kDa  |
| Product Description         |  |
| Host                        | Rabbit   |
| Gene Symbol                 | RYR1   |
| Species                     | Human, Mouse   |
| Immunogen                   | Synthetic peptide within Human Ryanodine Receptor 1 aa 1,354-1,403 / 5,038. (SwissProt: P21817 Human; SwissProt: E9PZQ0 Mouse) |
| Product Application Details |  |
| Applications                | Dot Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50-1:200, Dot Blot 1:500-1:1000               |

## Images

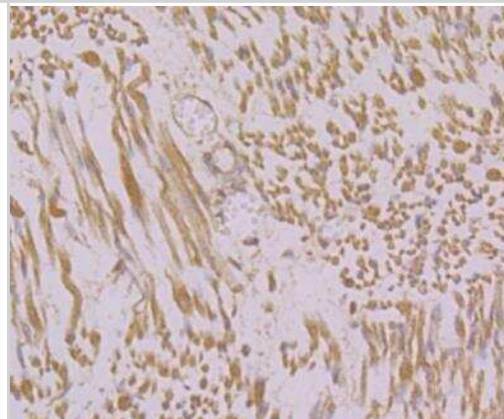
Immunohistochemistry: Ryanodine Receptor 1 Antibody [NBP2-76960] - Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-RYR1 antibody. Counter stained with hematoxylin.



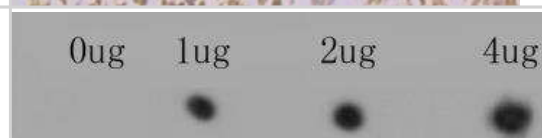
Flow Cytometry: Ryanodine Receptor 1 Antibody [NBP2-76960] - Flow cytometric analysis of SiHa cells with RYR1 antibody at 1/100 dilution (fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



Immunohistochemistry: Ryanodine Receptor 1 Antibody [NBP2-76960] - Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-RYR1 antibody. Counter stained with hematoxylin.



Dot Blot: Ryanodine Receptor 1 Antibody [NBP2-76960] - Dot blot analysis of anti-RYR1 immunization peptide on PVDF. 1ug, 2ug and 4ug peptides were given in this test. Anti-RYR1 antibody was diluted with 1/500.





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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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