

# Product Datasheet

## SERCA2 ATPase Antibody (IID8) [mFluor Violet 450 SE] NB300-529MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB300-529MFV450**

SERCA2 ATPase Antibody (IID8) [mFluor Violet 450 SE]

| 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                       | IID8                                                                                                                                                                                                                                    |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                      |
| Isotype                     | IgG1                                                                                                                                                                                                                                    |
| Conjugate                   | mFluor Violet 450 SE                                                                                                                                                                                                                    |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                   |
| Gene ID                     | 488                                                                                                                                                                                                                                     |
| Gene Symbol                 | ATP2A2                                                                                                                                                                                                                                  |
| Species                     | Human, Mouse, Rat, Porcine, Amphibian, Bovine, Canine, Guinea Pig, Hamster, Primate, Rabbit, Sheep, Virus                                                                                                                               |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| Specificity/Sensitivity     | Detects Sarcoplasmic or Endoplasmic Reticulum Calcium 2 (SERCA2) ATPase. This does not discriminate between the two isoforms.                                                                                                           |
| Immunogen                   | Purified canine cardiac sarcoplasmic reticulum.                                                                                                                                                                                         |
| Product Application Details |                                                                                                                                                                                                                                         |
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Block/Neutralize                                                         |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Block/Neutralize                                                         |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                  |



## Images

SERCA2 ATPase Antibody (IID8) [mFluor Violet 450 SE] [NB300-529MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB300-529MFV450**

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|                   |                                                      |
|-------------------|------------------------------------------------------|
| H00000488-P01-2ug | Recombinant Human SERCA2 ATPase GST (N-Term) Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                             |
| NBP2-34147PEP     | SERCA2 ATPase Recombinant Protein Antigen            |
| DSE100            | Serpin E1/PAI-1 [HRP]                                |

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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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