

Product Datasheet

SERCA2 ATPase Antibody (20D1) - BSA Free NBP3-26492-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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Updated 7/30/2025 v.20.1

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NBP3-26492-100ul

SERCA2 ATPase Antibody (20D1) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	20D1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

Host	Rabbit
Gene ID	488
Gene Symbol	ATP2A2
Species	Human
Immunogen	A synthesized peptide derived from Human SERCA2 ATPase [UniProt P16615]

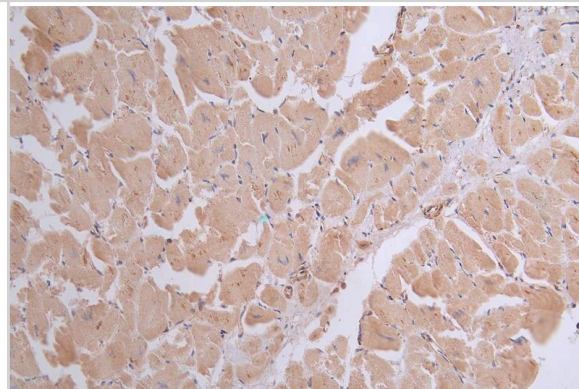
Product Application Details

Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1:50-1:200, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200

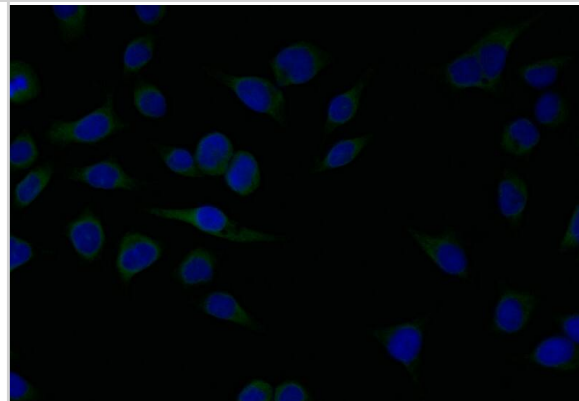


Images

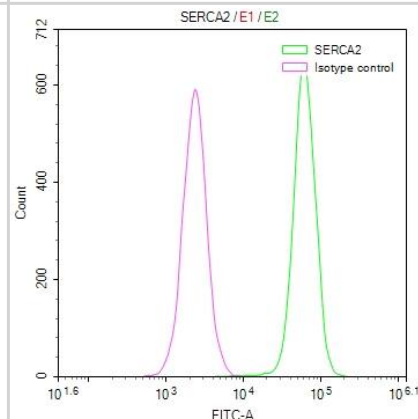
Immunohistochemistry: SERCA2 ATPase Antibody (20D1) [NBP3-26492] - Image of SERCA2 ATPase Antibody (20D1) diluted at 1:50 and staining in paraffin-embedded human heart tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.41% DAB.



Immunocytochemistry/Immunofluorescence: SERCA2 ATPase Antibody (20D1) [NBP3-26492] - Staining of MCF7 with SERCA2 ATPase Antibody (20D1) at 1:25, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 509-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: SERCA2 ATPase Antibody (20D1) [NBP3-26492] - Overlay Peak curve showing Hela cells stained with SERCA2 ATPase Antibody (20D1) (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26492-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57446PEP	SERCA2 ATPase Recombinant Protein Antigen

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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