

# Product Datasheet

## MT-ND3 Antibody - BSA Free

### NBP2-38021

Unit Size: 0.1 ml

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

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**NBP2-38021**

MT-ND3 Antibody - BSA Free

| 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 short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG                                                                                                              |
| Purity              | Immunogen affinity purified                                                                                      |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

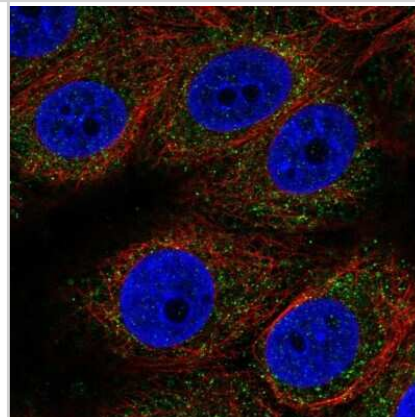
| Product Description |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit MT-ND3 Antibody - BSA Free (NBP2-38021) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                             |
| Gene ID             | 4537                                                                                                                                                                                               |
| Gene Symbol         | ND3                                                                                                                                                                                                |
| Species             | Human                                                                                                                                                                                              |
| Immunogen           | This antibody was developed against a recombinant protein corresponding to amino acids: GYIEKSTPYECGFDPISPARVPFSIK                                                                                 |

| Product Application Details |                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                     |
| Recommended Dilutions       | Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50                |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100. |

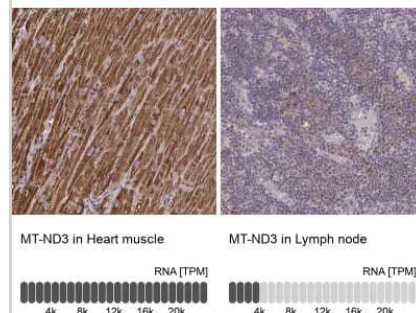


## Images

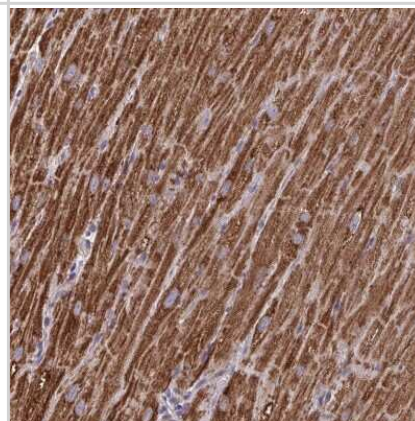
Immunocytochemistry/Immunofluorescence: MT-ND3 Antibody [NBP2-38021] - Immunofluorescent staining of human cell line MCF7 shows localization to cytosol. Antibody staining is shown in green.



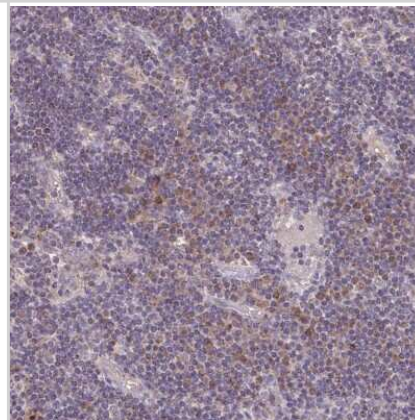
Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-38021] - Staining in human heart muscle and lymph node tissues using anti-MT-ND3 antibody. Corresponding MT-ND3 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-38021] - Staining of human heart muscle shows high expression.



Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-38021] - Staining of human lymph node shows low expression as expected.





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### **Products Related to NBP2-38021**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-38021PEP | MT-ND3 Recombinant Protein Antigen                  |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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