

# Product Datasheet

## MT-ND1 Antibody (JE34-93)

### NBP3-32613

Unit Size: 100 ul

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

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**NBP3-32613**

MT-ND1 Antibody (JE34-93)

| 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               | Monoclonal                                                                             |
| Clone                   | JE34-93                                                                                |
| Preservative            | 0.05% Sodium Azide                                                                     |
| Isotype                 | IgG                                                                                    |
| Purity                  | Protein A purified                                                                     |
| Buffer                  | PBS (pH7.4), 0.05% BSA and 40% Glycerol                                                |
| Target Molecular Weight | 36 kDa                                                                                 |

| Product Description |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Host                | Rabbit                                                                  |
| Gene ID             | 4535                                                                    |
| Gene Symbol         | ND1                                                                     |
| Species             | Human, Mouse, Rat                                                       |
| Immunogen           | Synthetic peptide within Human MT-ND1 aa 23-67 / 318. (Uniprot: P03886) |

| Product Application Details |                     |
|-----------------------------|---------------------|
| Applications                | Western Blot        |
| Recommended Dilutions       | Western Blot 1:1000 |

**Images**

Western Blot: MT-ND1 Antibody (JE34-93) [NBP3-32613] - Western blot analysis of MT-ND1 on different lysates with Rabbit anti-MT-ND1 antibody (NBP3-32613) at 1/1,000 dilution.

Lane 1: Mouse heart tissue lysate  
Lane 2: Rat heart tissue lysate

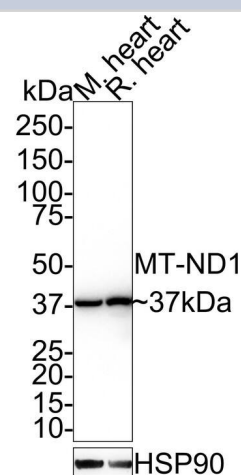
Lysates/proteins at 30 ug/Lane.

Predicted band size: 36 kDa  
Observed band size: 37 kDa

Exposure time: 43 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32613) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32613**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP3-17519PEP | MT-ND1 Recombinant Protein Antigen                  |

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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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