

# Product Datasheet

## MT-CO2 Antibody - Azide and BSA Free NBP2-93084-0.1ml

Unit Size: 0.1 ml

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

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**NBP2-93084-0.1ml**

MT-CO2 Antibody - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                           |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                      |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                         |
| Clonality                   | Polyclonal                                                                                                                                                                                                       |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                               |
| Isotype                     | IgG                                                                                                                                                                                                              |
| Purity                      | Affinity purified                                                                                                                                                                                                |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                       |
| Target Molecular Weight     | 25 kDa                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                  |
| Description                 | Novus Biologicals Rabbit MT-CO2 Antibody - Azide and BSA Free (NBP2-93084) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                                           |
| Gene ID                     | 4513                                                                                                                                                                                                             |
| Gene Symbol                 | COX2                                                                                                                                                                                                             |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                |
| Immunogen                   | A synthetic peptide corresponding to a sequence within amino acids 40-100 of human MT-CO2 (YP_003024029.1).<br>YALFLTTLTKLTNTNISDAQEMETVWTILPAIILVLIALPSLRILYMTDEVNDPSLTI<br>KSI                                 |
| Product Application Details |                                                                                                                                                                                                                  |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                        |
| Recommended Dilutions       | Western Blot 1:1000 - 1:5000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200                                                |



## Images

Western Blot: MT-CO2 Antibody - Azide and BSA Free [NBP2-93084] - Western blot analysis of lysates from HeLa cells, using MT-CO2 Rabbit pAb at 1:2000 dilution.

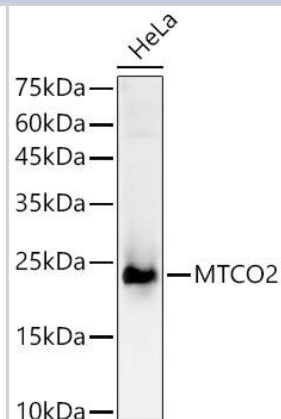
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

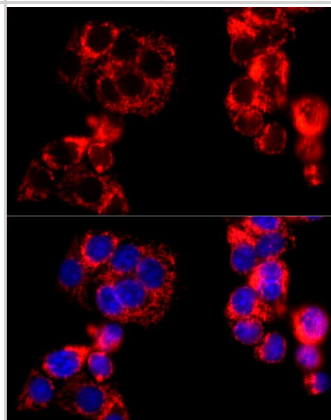
Detection: ECL Basic Kit.

Exposure time: 10s.

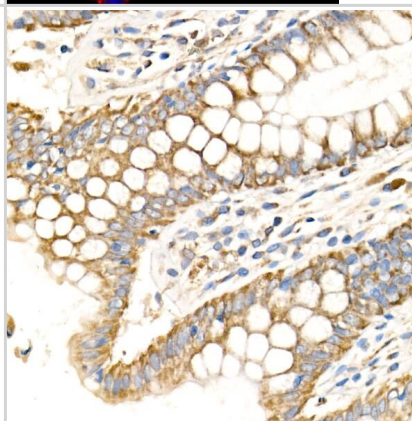


Immunocytochemistry/ Immunofluorescence: MT-CO2 Antibody - Azide and BSA Free [NBP2-93084] - Immunofluorescence analysis of HepG2 cells using MT-CO2 Rabbit pAb at dilution of 1:100 (40x lens).

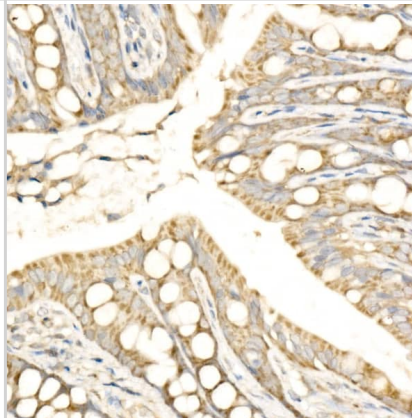
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: MT-CO2 Antibody - Azide and BSA Free [NBP2-93084] - Immunohistochemistry analysis of paraffin-embedded Human colon using MT-CO2 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: MT-CO2 Antibody - Azide and BSA Free [NBP2-93084] - Immunohistochemistry analysis of paraffin-embedded Rat colon using MT-CO2 Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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### **Products Related to NBP2-93084-0.1ml**

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|             |                                                     |
|-------------|-----------------------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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