

# Product Datasheet

## MIOX Antibody (OTI4G7) NBP2-02771

Unit Size: 0.1 ml

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

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**NBP2-02771**

MIOX Antibody (OTI4G7)

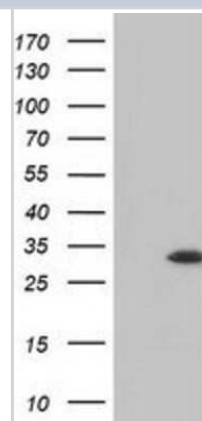
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml                                   |
| Concentration           | 0.72 mg/ml                               |
| Storage                 | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                               |
| Clone                   | OTI4G7                                   |
| Preservative            | 0.02% Sodium Azide                       |
| Isotype                 | IgG2a                                    |
| Purity                  | Immunogen affinity purified              |
| Buffer                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| Target Molecular Weight | 32.8 kDa                                 |

| Product Description |   |
|---------------------|---|
| Host                | Mouse   |
| Gene ID             | 55586   |
| Gene Symbol         | MIOX  |
| Species             | Human, Mouse, Rat   |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen           | Full length human recombinant protein of human MIOX (NP_060054) produced in HEK293T cell.   |

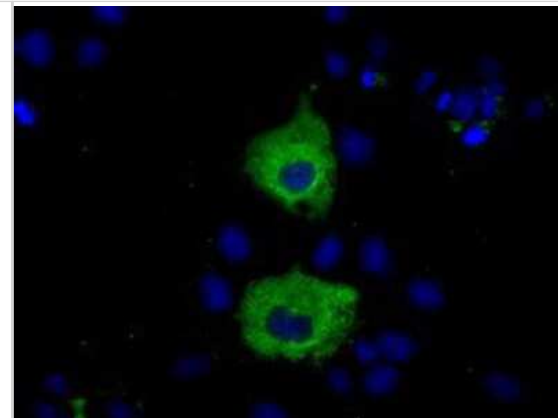
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                    |
| Recommended Dilutions       | Western Blot 1:200-1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50 |

**Images**

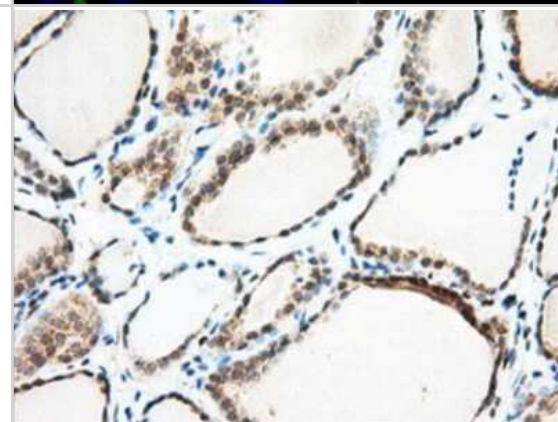
Western Blot: MIOX Antibody (4G7) [NBP2-02771] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MIOX (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MIOX.



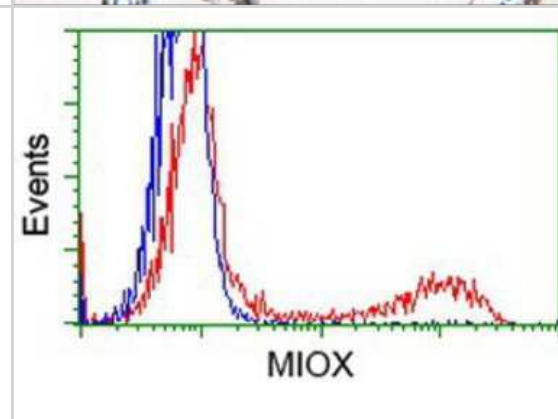
Immunocytochemistry/Immunofluorescence: MIOX Antibody (4G7) [NBP2-02771] Staining of COS7 cells transiently transfected by pCMV6-ENTRY MIOX.



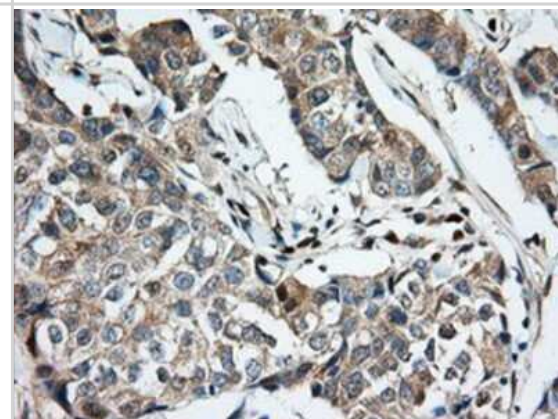
Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Human thyroid tissue using anti-MIOX mouse monoclonal antibody.



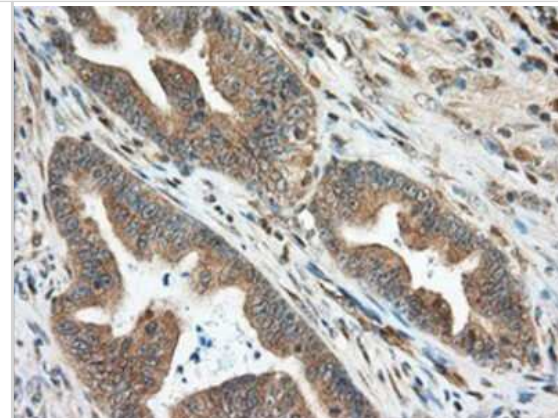
Flow Cytometry: MIOX Antibody (4G7) [NBP2-02771] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MIOX antibody, and then analyzed by flow cytometry.



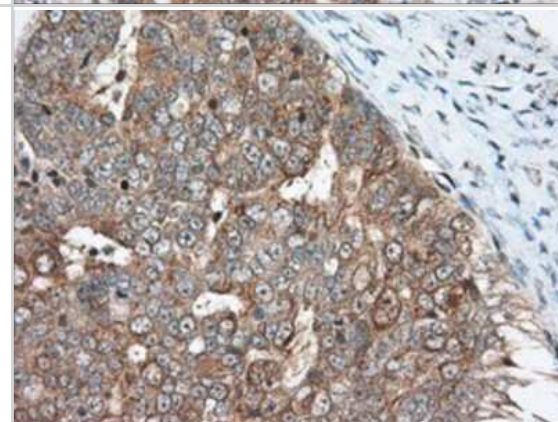
Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MIOX mouse monoclonal antibody.



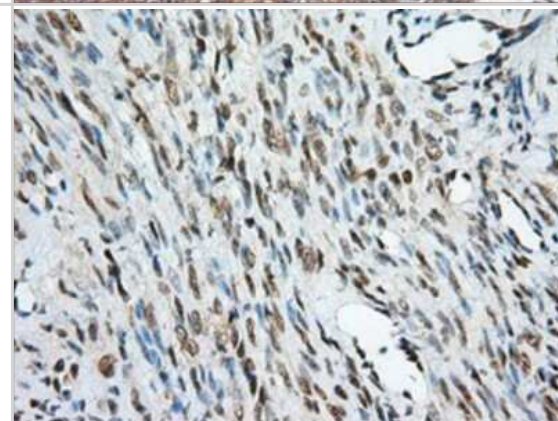
Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MIOX mouse monoclonal antibody.



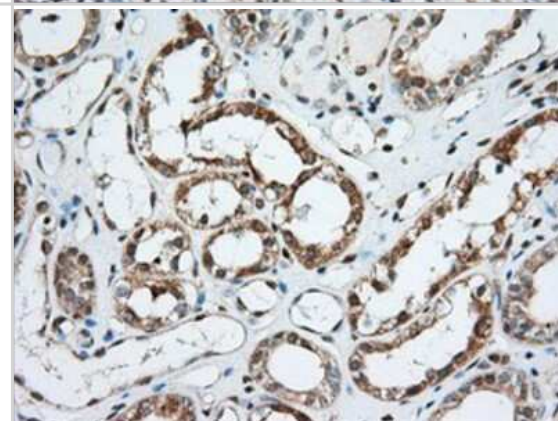
Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MIOX mouse monoclonal antibody.



Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Human endometrium tissue using anti-MIOX mouse monoclonal antibody.

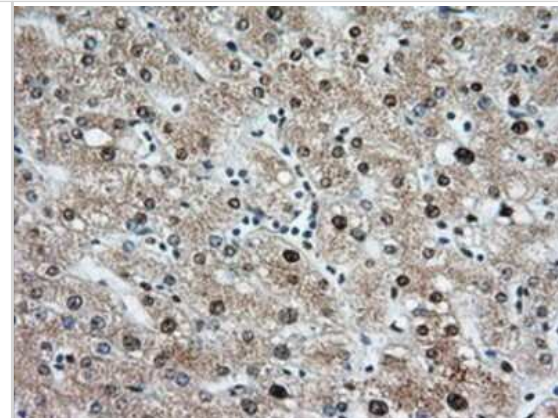


Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Human Kidney tissue using anti-MIOX mouse monoclonal antibody.

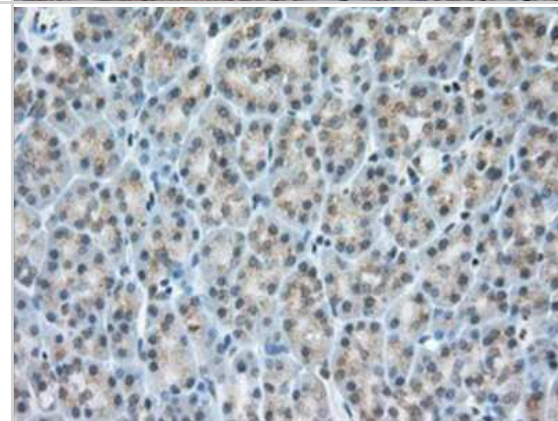




Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Human liver tissue using anti-MIOX mouse monoclonal antibody.



Immunohistochemistry-Paraffin: MIOX Antibody (4G7) [NBP2-02771] - Staining of paraffin-embedded Human pancreas tissue using anti-MIOX mouse monoclonal antibody.





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### **Products Related to NBP2-02771**

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|                    |   |
|--------------------|---|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778         | Mouse IgG2a Isotype Control (M2A)                       |
| H00055586-P01-10ug | Recombinant Human MIOX GST (N-Term) Protein             |

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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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