Product Datasheet

MIOX Antibody (OTI4G7) - Azide and BSA Free
NBP2-72697

Unit Size: 100 ug

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

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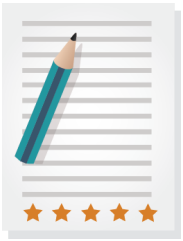
Updated 9/9/2025 v.20.1



NBP2-72697

MIOX Antibody (OTI4G7) - Azide and BSA Free

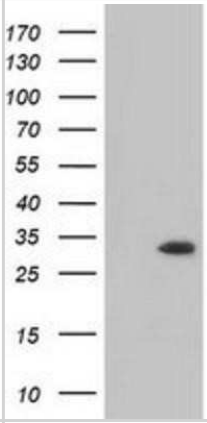
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4G7
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	32.8 kDa

Product Description	
Description	Novus Biologicals Mouse MIOX Antibody (OTI4G7) - Azide and BSA Free (NBP2-02771) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

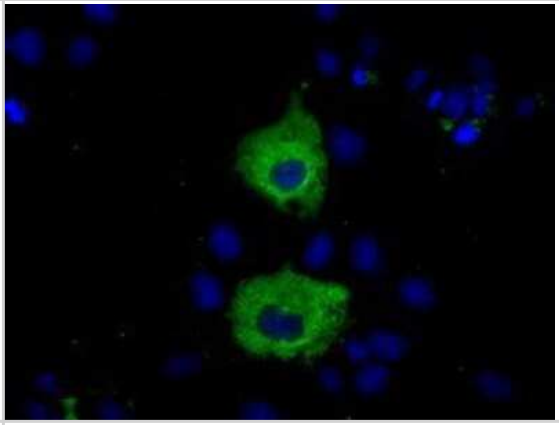
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:200 - 1:1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence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

Images

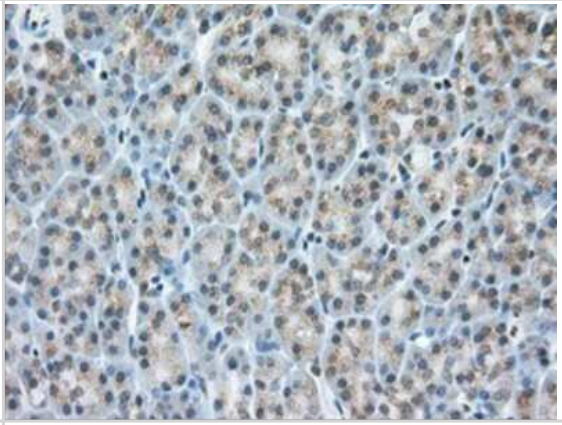
Western Blot: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MIOX (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MIOX.



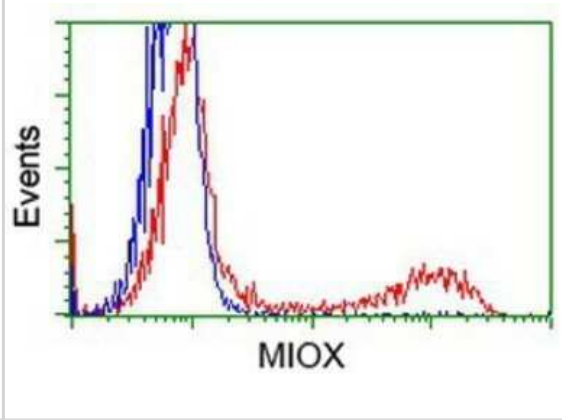
Immunocytochemistry/Immunofluorescence: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY MIOX.



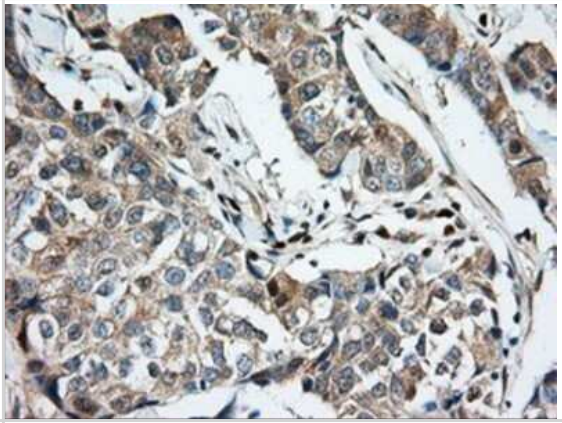
Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Human pancreas tissue using anti-MIOX mouse monoclonal antibody.



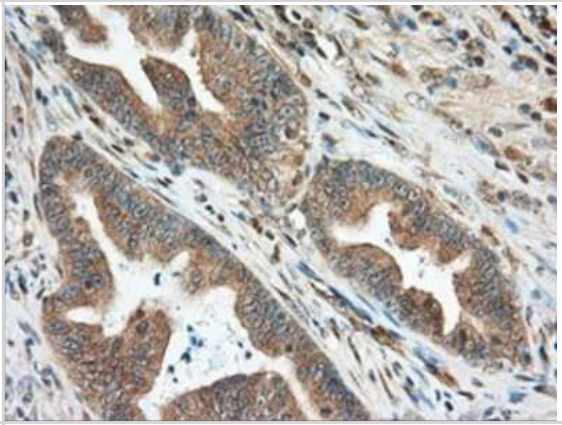
Flow Cytometry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-MIOX antibody, and then analyzed by flow cytometry.



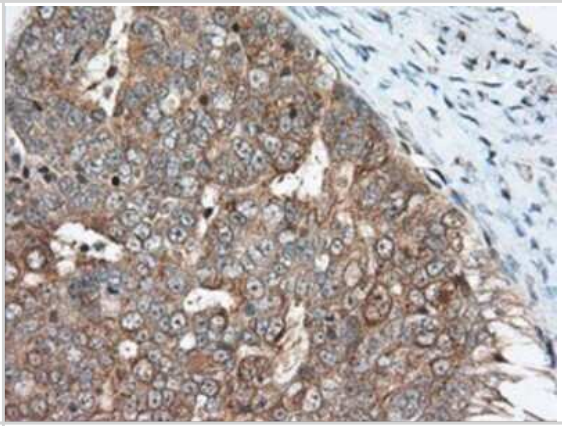
Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MIOX mouse monoclonal antibody.



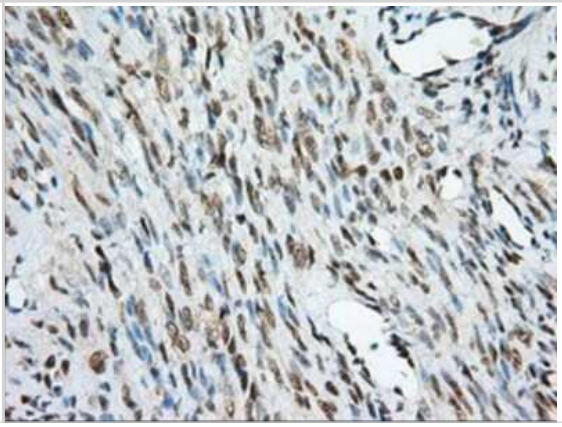
Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MIOX mouse monoclonal antibody.

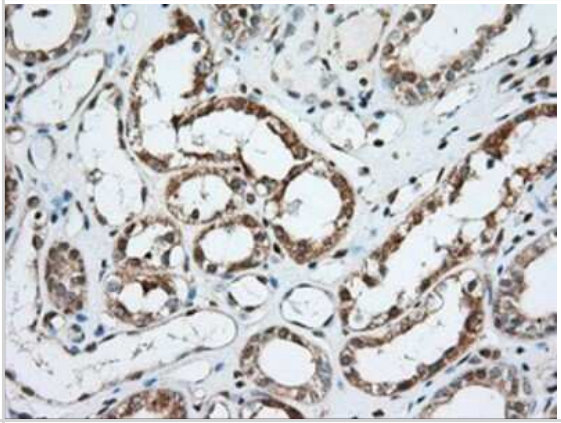
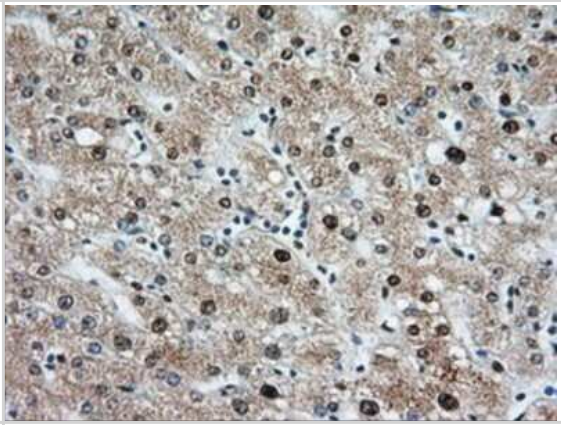
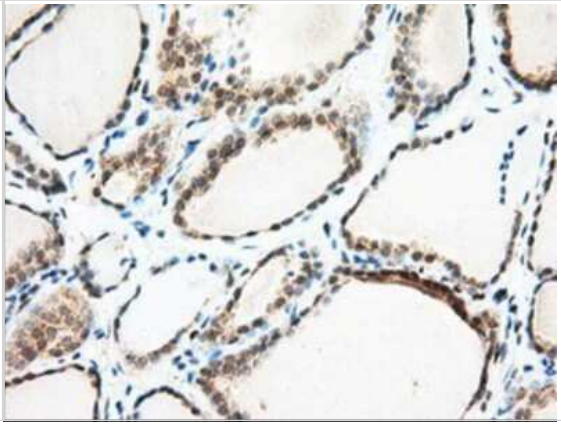


Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MIOX mouse monoclonal antibody.



Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Human endometrium tissue using anti-MIOX mouse monoclonal antibody.



Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Human Kidney tissue using anti-MIOX mouse monoclonal antibody.	
Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Human liver tissue using anti-MIOX mouse monoclonal antibody.	
Immunohistochemistry: MIOX Antibody (OTI4G7) - Azide and BSA Free [NBP2-72697] - Staining of paraffin-embedded Human thyroid tissue using anti-MIOX mouse monoclonal antibody.	

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Products Related to NBP2-72697

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

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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