

Anti-MIOX Mouse Monoclonal Antibody [Clone ID: OTI4G7]

Catalog Number: M06957

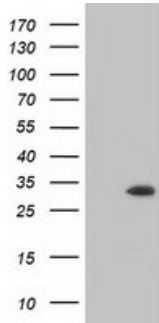
Overview

Product Name	Anti-MIOX Mouse Monoclonal Antibody [Clone ID: OTI4G7]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio MIOX mouse monoclonal antibody, clone OTI4G7 (formerly 4G7). Catalog# M06957. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI4G7
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q9UGB7

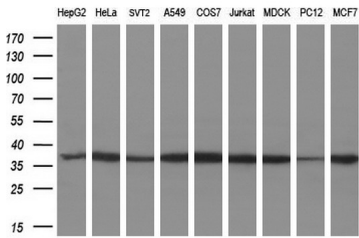
Technical Details

Immunogen	Full length human recombinant protein of human MIOX (NP_060054) produced in HEK293T cell.
Isotype	IgG2a
Concentration	0.72 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:200 - 1:1000 IHC 1:50 IF 1:100 Flow Cytometry 1:100

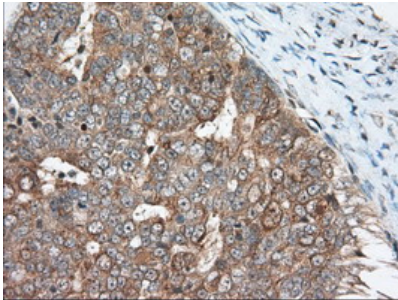
Anti-MIOX Mouse Monoclonal Antibody [Clone ID: OTI4G7] (M06957) Images



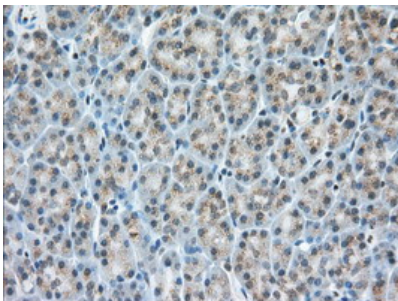
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MIOX (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MIOX.



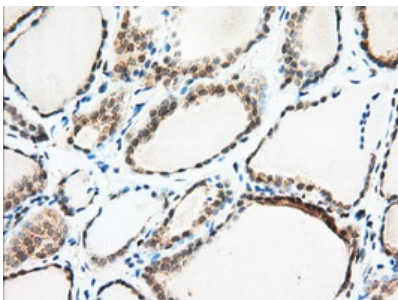
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MIOX monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



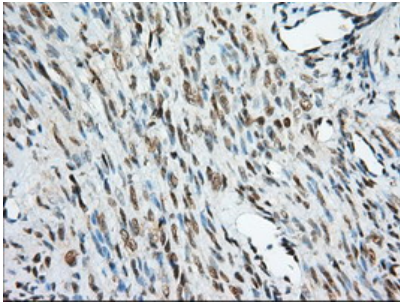
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



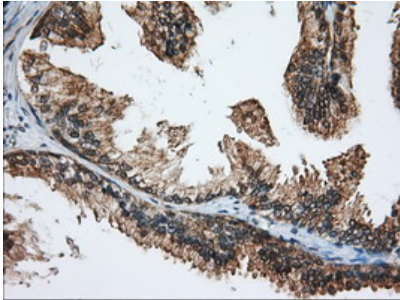
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



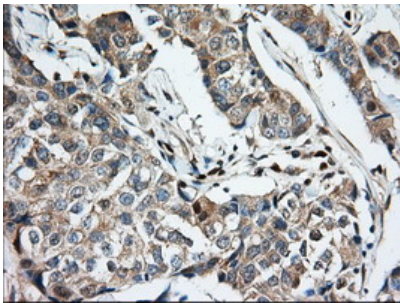
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



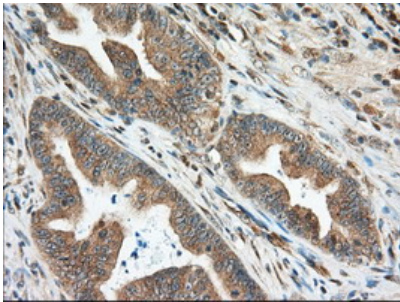
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



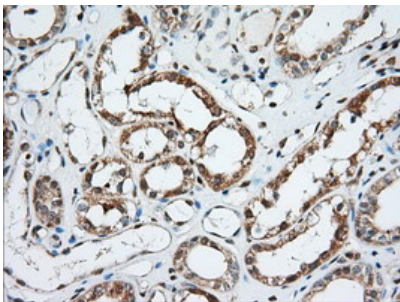
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

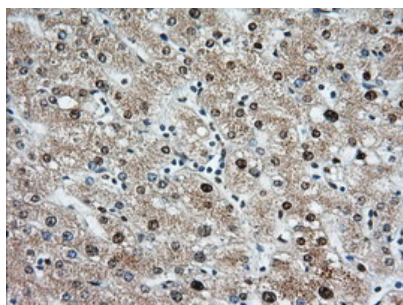


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

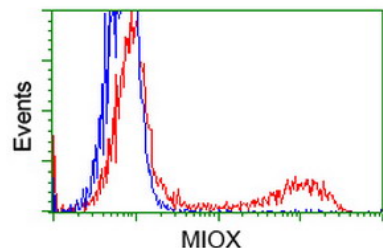


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

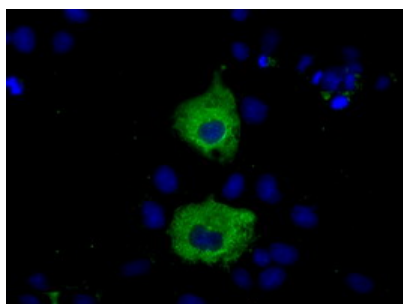
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-MIOX mouse monoclonal antibody. (Heat-induced epitope retrieval by



10mM citric buffer



HEK293T cells transfected with either MIOX (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MIOX antibody (M06957)



Anti-MIOX mouse monoclonal antibody (M06957) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MIOX.

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