

Mouse MIOX Monoclonal Antibody | anti-MIOX antibody

MIOX antibody

CATALOG # AAA106941	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

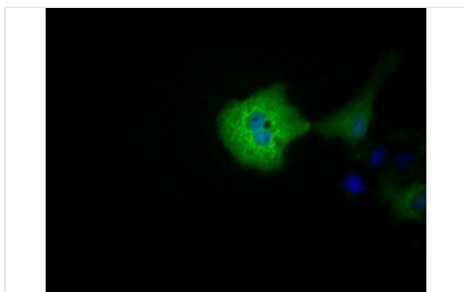
PRODUCT SYNONYMS

MIOX; Monoclonal Antibody; MIOX antibody; Monoclonal MIOX; Anti-MIOX; anti-MIOX antibody

PRODUCT SPECIFICATIONS

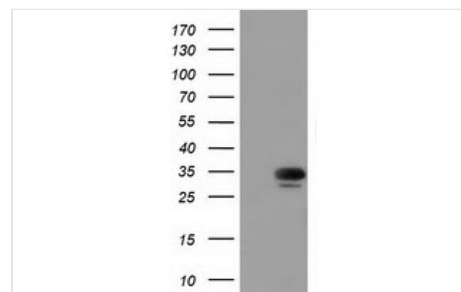
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5H4
Purity/Purification	MIOX antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	285
Applicable Applications for anti-MIOX antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	MIOX is an oxidoreductase localised to the kidneys but its function is currently unknown.
Cross-Reactivity	Human
Immunogen	MIOX antibody was raised in mouse using a full length recombinant protein of human MIOX (NP_060054) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



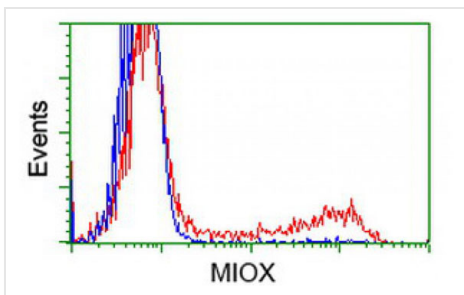
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant MIOX protein using MIOX antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant MIOX protein (Right) or empty vector (Left) detected with MIOX antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant MIOX protein (red) or empty vector (blue) stained using MIOX antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MIOX antibody	Mouse monoclonal MIOX antibody
Product Categories/Family for anti-MIOX antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	33667030
NCBI GeneID	55586
NCBI Accession #	NP_060054
NCBI GenBank Nucleotide #	NM_017584.5
UniProt Accession #	Q9UGB7 ; Q05DJ6 ; Q5S8C9 ; Q9BZZ1 ; Q9UHB8
Molecular Weight	24,516 Da
NCBI Official Full Name	inositol oxygenase
NCBI Official Synonym Full Names	myo-inositol oxygenase
NCBI Official Symbol	MIOX
NCBI Official Synonym Symbols	ALDRL6
NCBI Protein Information	inositol oxygenase
UniProt Protein Name	Inositol oxygenase
UniProt Gene Name	MIOX
UniProt Synonym Gene Names	ALDRL6; KSP32; RSOR; MI oxygenase
UniProt Entry Name	MIOX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/miox-antibody-clone-5h4-western-blot-immunofluorescence-flow-cytometry-elisa/106941>