

Product datasheet for **TA501424AM**

MIOX Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5F8]

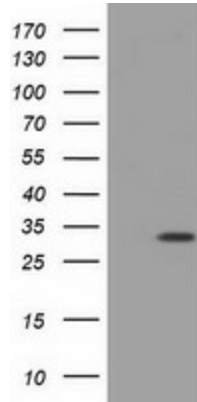
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5F8
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MIOX (NP_060054) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32.8 kDa
Gene Name:	myo-inositol oxygenase
Database Link:	NP_060054 Entrez Gene 55586 Human Q9UGB7
Synonyms:	ALDRL6
Protein Pathways:	Ascorbate and aldarate metabolism, Inositol phosphate metabolism

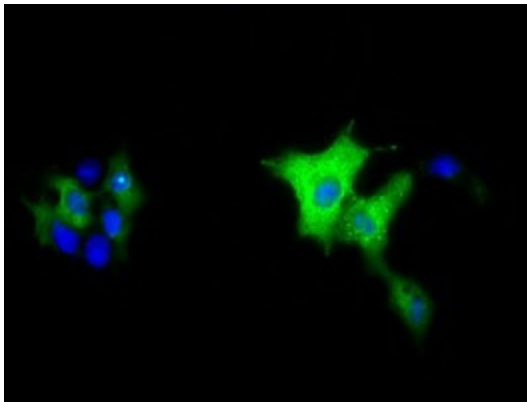


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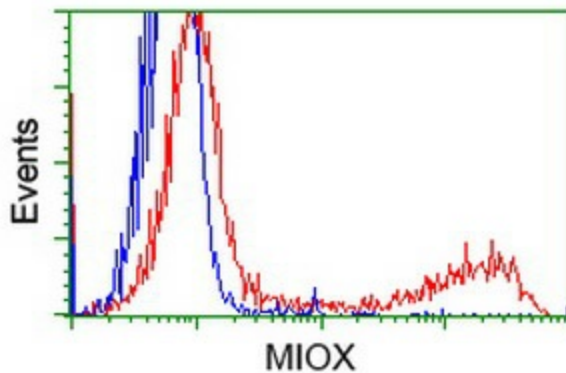
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MIOX ([RC210070], 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. Positive lysates [LY413679] (100ug) and [LC413679] (20ug) can be purchased separately from OriGene.



Anti-MIOX mouse monoclonal antibody ([TA501424]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MIOX ([RC210070]).



Flow cytometric analysis of HEK293T cells transfected with either [RC210070] plasmid (Red) or empty vector control plasmid (Blue) using anti-MIOX antibody ([TA501424]) at 1:100 dilution.