

## Product datasheet for **TA501454M**

### MIOX Mouse Monoclonal Antibody [Clone ID: OTI1C5]

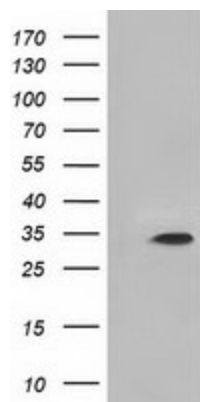
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1C5
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
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:	0.53 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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:	<a href="#">NP_060054</a> <a href="#">Entrez Gene 55586 Human</a> <a href="#">Q9UGB7</a>
Synonyms:	ALDRL6
Protein Pathways:	Ascorbate and aldarate metabolism, Inositol phosphate metabolism

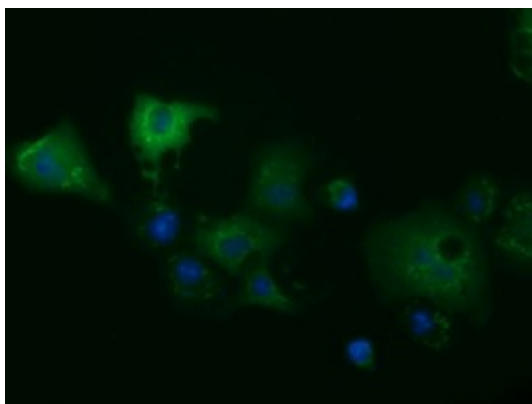


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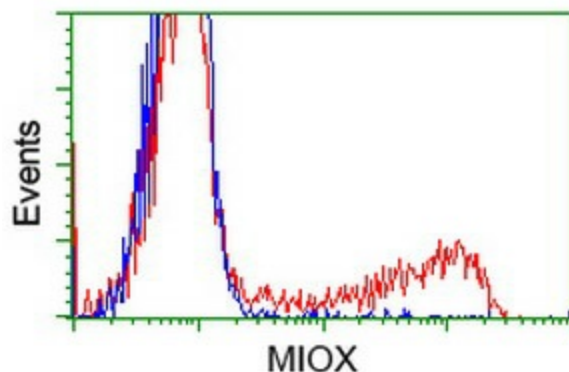
## Product images:



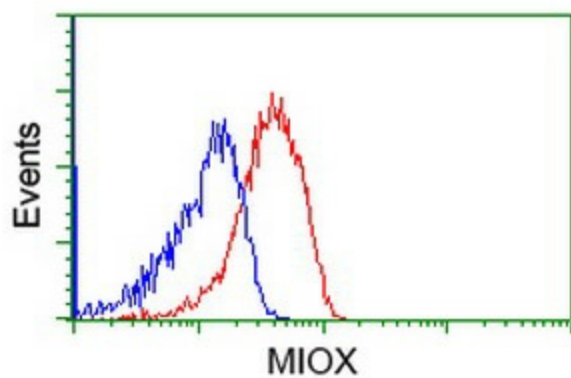
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MIOX ([RC210070], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MIOX. Positive lysates [LY413679] (100ug) and [LC413679] (20ug) can be purchased separately from OriGene.



Anti-MIOX mouse monoclonal antibody ([TA501454]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MIOX ([RC210070]).



HEK293T cells transfected with either [RC210070] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MIOX antibody ([TA501454]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-MIOX antibody ([TA501454]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).