

Product datasheet for **TA501475AM**

MIOX Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5H4]

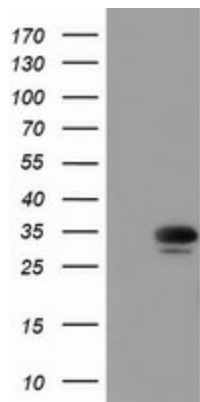
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5H4 |
| 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: | 0.5 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 |

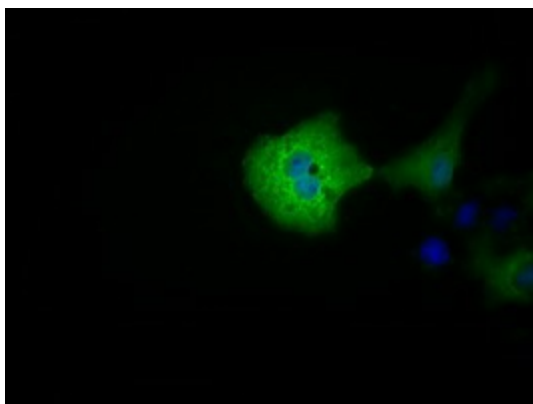


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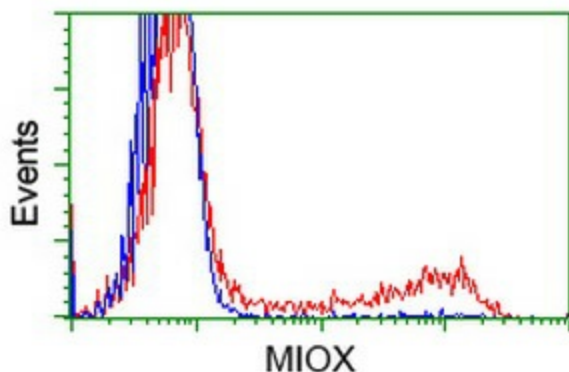
Product images:



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 ([TA501475]) 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 ([TA501475]), and then analyzed by flow cytometry.