

## Product datasheet for **CF501405**

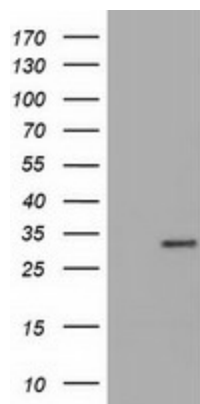
### MIOX Mouse Monoclonal Antibody [Clone ID: OTI1H7]

#### Product data:

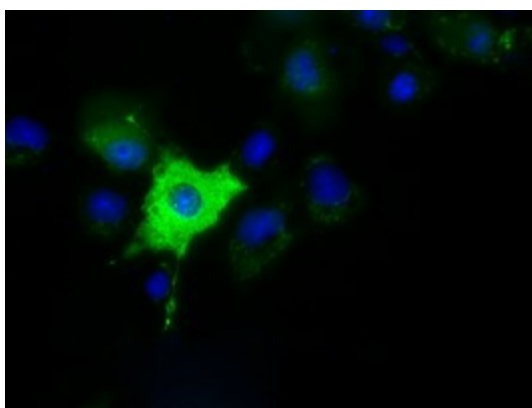
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI1H7   |
| Applications:           | IF, WB   |
| Recommended Dilution:   | WB 1:2000, IF 1:100  |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Mouse  |
| Isotype:                | IgG2a  |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human MIOX (NP_060054) produced in HEK293T cell.  |
| Formulation:            | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)  |
| Reconstitution Method:  | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| 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><br><a href="#">Entrez Gene 55586 Human</a><br><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 ([TA501405]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MIOX ([RC210070]).