

## Product datasheet for **CF501454**

### MIOX Mouse Monoclonal Antibody [Clone ID: OT11C5]

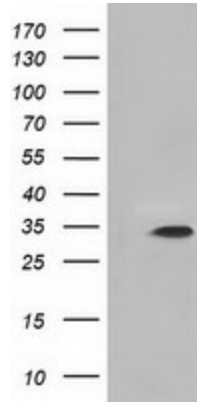
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11C5
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:	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> <a href="#">Entrez Gene 55586 Human</a> <a href="#">Q9UGB7</a>
Synonyms:	ALDRL6
Protein Pathways:	Ascorbate and aldarate metabolism, Inositol phosphate metabolism

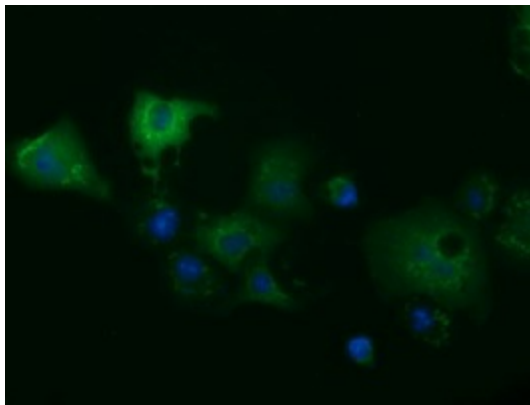


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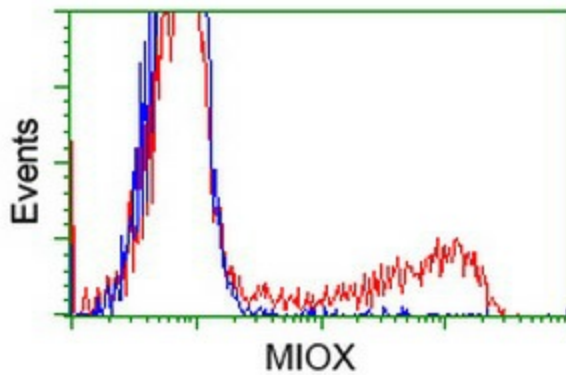
Product images:



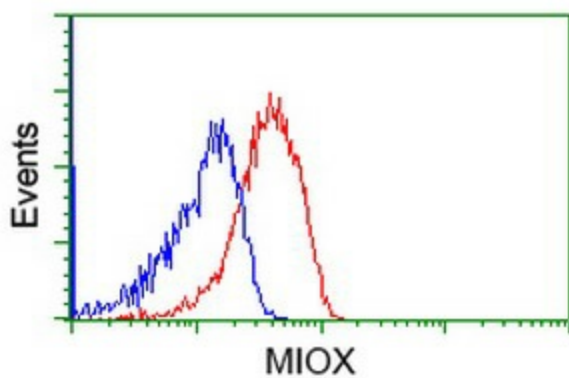
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MIOX ([RC210070], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MIOX. Positive lysates [LY413679] (100ug) and [LC413679]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