

Product datasheet for **TA501897**

PYCR2 Mouse Monoclonal Antibody [Clone ID: OTI2B11]

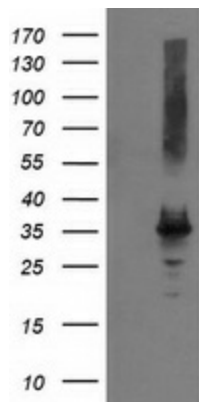
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2B11 |
| 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 PYCR2 (NP_037460) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.67 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: | 33.5 kDa |
| Gene Name: | pyrroline-5-carboxylate reductase 2 |
| Database Link: | NP_037460 Entrez Gene 69051 Mouse Entrez Gene 364064 Rat Entrez Gene 29920 Human Q96C36 |
| Synonyms: | HLD10; P5CR2 |
| Protein Pathways: | Arginine and proline metabolism, Metabolic pathways |

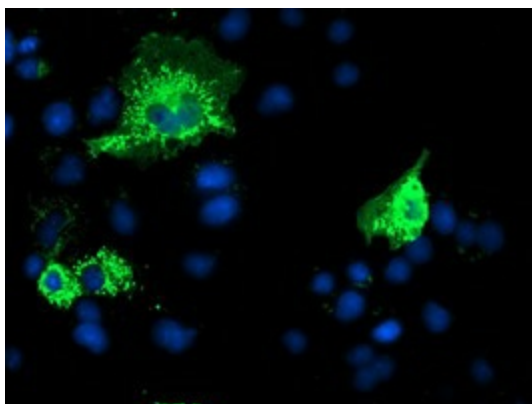


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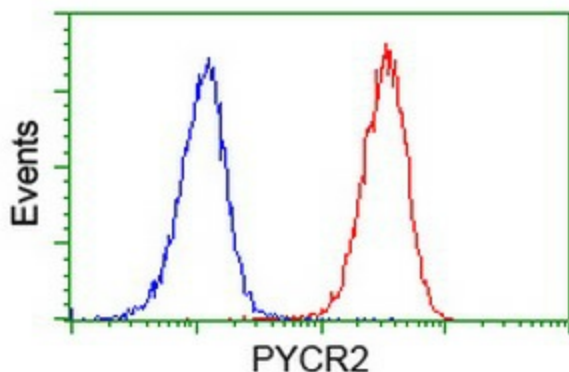
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PYCR2 ([RC204525], 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-PYCR2. Positive lysates [LY402246] (100ug) and [LC402246] (20ug) can be purchased separately from OriGene.



Anti-PYCR2 mouse monoclonal antibody (TA501897) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PYCR2 ([RC204525]).



Flow cytometric Analysis of Jurkat cells, using anti-PYCR2 antibody (TA501897), (Red), compared to a nonspecific negative control antibody, (Blue).