

OriGene Technologies, Inc.

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Product datasheet for TA501877M

PYCR2 Mouse Monoclonal Antibody [Clone ID: OTI4A10]

Product data:

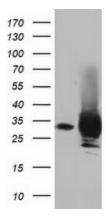
Clone Name:OTI4A10Applications:FC, FC, WBRecommended DitusiWB 1:2000, FL:100, FL:00,	Product Type:	Primary Antibodies
RecordWB 1:2000, IF 1:100, FLOW 1:100Reactivity:Human, Mouse, RatHost:MouseIsotype:IgG2aClonality:MonoclonalImmunogen:Full length human recombinant protein of human PYCR2 (NP_037460) produced in HEK293T cell.Formulation:PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:0.67 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Conjugation:UnconjugatedStorage:Stole for 12 months from date of receipt.Predicted Protein Size:3.5 kDaGene Name:NP_037460 Entrez Gene 69051 MouseEntrez Gene 364064 RatEntrez Gene 29920 Human Og6C36Synonyms:HLD10; PSCR2	Clone Name:	OTI4A10
Reactivity:Human, Mouse, RatHost:MouseHost:MouseIsotype:IgGaIsotype:IgGaClonality:MonoclonalImmunogen:Call Ingth human recombinant protein of human PYCR2 (NP_037460) produced in HEK2937 cell.Formulation:PS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Formulation:0.67 mg/mPurification:0.67 mg/mKonggetion:UnconjugatedStorage:Stora 4.20°C as received.Storage:Stola for 12 months from date of receipt.Predicted Protein Size3.5 kDaGene Name:Py 037460 Entrez Gene 69051 MouseEntrez Gene 364064 RatEntrez Gene 29220 Human OreciageStorage:HL10, PSCR2	Applications:	FC, IF, WB
Hose:MouseIsotype:IgGaIsotype:WonoclonalClonality:MonoclonalImmunogen:Rull length human recombinant protein of human PYCR2 (NP_037460) produced in HEK293T cell.Formulation:PSS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:0.67 mg/mlPurification:0.67 mg/mlFornigation:UnconjugatedStorage:UnconjugatedStole for 12 months from date of receipt.Predicted Protein Size3.5 kDaGene Name:NP 037460 ritrez Gene 69051 MouseEntrez Gene 34064 RatEntrez Gene 29920 Human ogecasStonyms:HD10; PSCR2	Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
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	Database Link:	Entrez Gene 69051 MouseEntrez Gene 364064 RatEntrez Gene 29920 Human
Protein Pathways: Arginine and proline metabolism, Metabolic pathways	Synonyms:	HLD10; P5CR2
	Protein Pathways:	Arginine and proline metabolism, Metabolic pathways



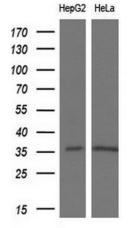
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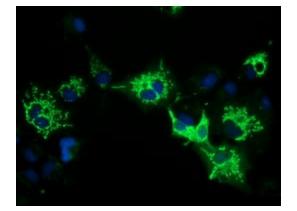
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PYCR2 (Cat# [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(Cat# [TA501877]). Positive lysates [LY402246] (100ug) and [LC402246] (20ug) can be purchased separately from OriGene.

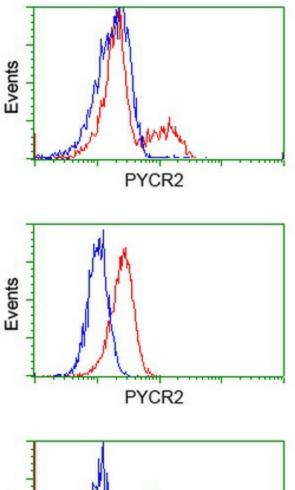


Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-PYCR2 monoclonal antibody at 1:200 dilution.



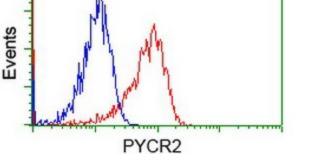
Anti-PYCR2 mouse monoclonal antibody ([TA501877]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PYCR2 ([RC204525]).

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HEK293T cells transfected with either [RC204525] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PYCR2 antibody ([TA501877]), and then analyzed by flow cytometry.

Flow cytometric Analysis of Hela cells, using anti-PYCR2 antibody ([TA501877]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-PYCR2 antibody ([TA501877]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).

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