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PYCRL Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PYCRL.
Catalog # AT3505a

Product Information

Application	WB, IF, IP, E
Primary Accession	Q53H96
Other Accession	NM_023078
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4F11
Calculated MW	28663

Additional Information

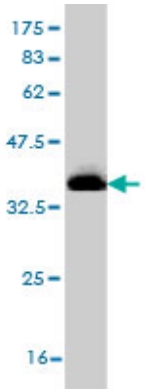
Gene ID	65263
Other Names	Pyrroline-5-carboxylate reductase 3, P5C reductase 3, P5CR 3, Pyrroline-5-carboxylate reductase-like protein, PYCRL
Target/Specificity	PYCRL (NP_075566, 32 a.a. ~ 131 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PYCRL Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

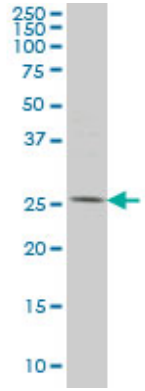
References

1.Functional specialization in proline biosynthesis of melanoma.De Ingeniis J, Ratnikov B, Richardson AD, Scott DA, Aza-Blanc P, De SK, Kazanov M, Pellecchia M, Ronai Z, Osterman AL, Smith JW.PLoS One. 2012;7(9):e45190. Epub 2012 Sep 14.

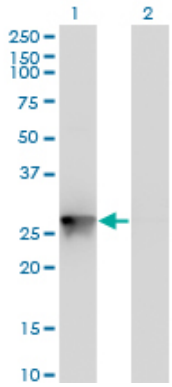
Images

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



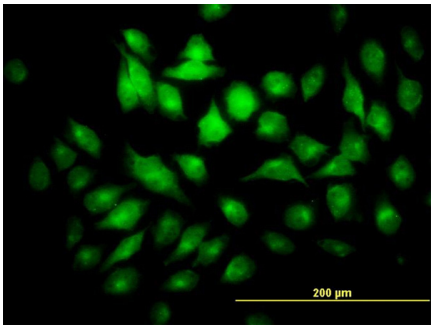


PYCRL monoclonal antibody (M01), clone 4F11 Western Blot analysis of PYCRL expression in HeLa ((Cat # AT3505a)

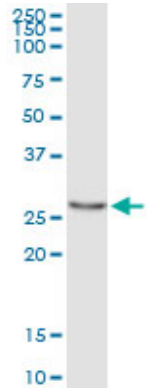


Western Blot analysis of PYCRL expression in transfected 293T cell line by PYCRL monoclonal antibody (M01), clone 4F11.

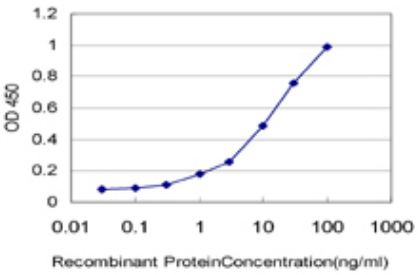
Lane 1: PYCRL transfected lysate (Predicted MW: 28.6 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to PYCRL on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of PYCRL transfected lysate using anti-PYCRL monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with PYCRL monoclonal antibody.



Detection limit for recombinant GST tagged PYCRL is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.