

Product Datasheet

PYCRL Antibody (4F11) - Azide and BSA Free H00065263-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00065263-M01

PYCRL Antibody (4F11) - Azide and BSA Free

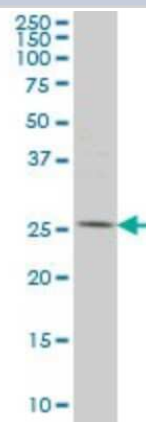
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	65263
Gene Symbol	PYCR3
Species	Human
Reactivity Notes	Other species not tested.
Specificity/Sensitivity	PYCRL (4F11)
Immunogen	PYCRL (NP_075566, 32 a.a. ~ 131 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KVEAQHILASAPTDRLNLCHEFQALGCRTTHSNQEVLQSCLLVIFATKPHVLPVAVL AEVAPVVTTEHILVSVAAGVSLSTLEELLPPNTRVLRVLPNLPVAV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

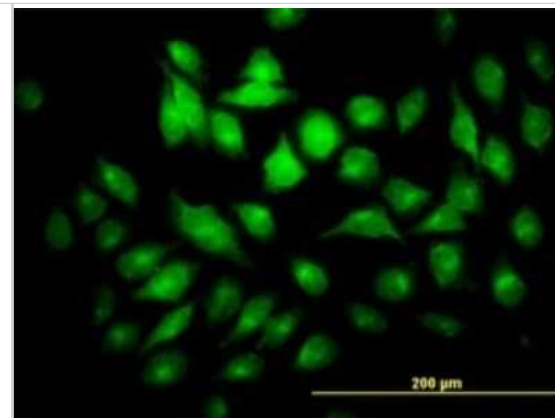
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

Images

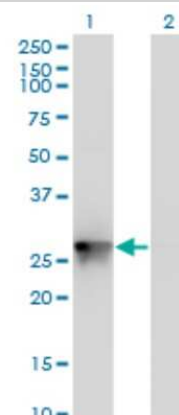
Western Blot: PYCRL Antibody (4F11) [H00065263-M01] - PYCRL monoclonal antibody (M01), clone 4F11 Analysis of PYCRL expression in HeLa.



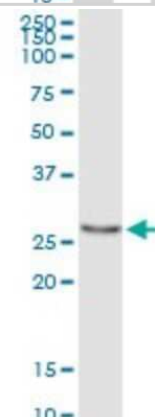
Immunocytochemistry/Immunofluorescence: PYCRL Antibody (4F11) [H00065263-M01] - Analysis of monoclonal antibody to PYCRL on HeLa cell. Antibody concentration 10 ug/ml.



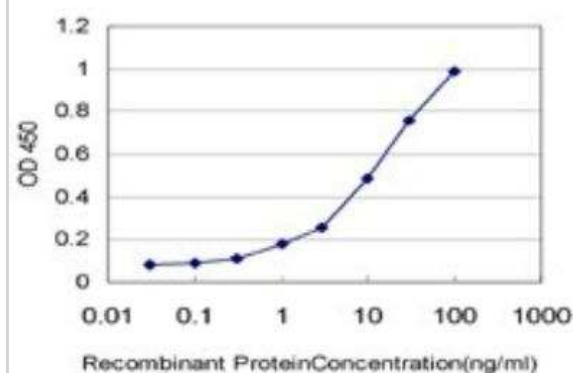
Western Blot: PYCRL Antibody (4F11) [H00065263-M01] - Analysis of PYCRL expression in transfected 293T cell line by PYCRL monoclonal antibody (M01), clone 4F11. Lane 1: PYCRL transfected lysate (Predicted MW: 28.6 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: PYCRL Antibody (4F11) [H00065263-M01] - Analysis of PYCRL transfected lysate using anti-PYCRL monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PYCRL monoclonal antibody.



ELISA: PYCRL Antibody (4F11) [H00065263-M01] - Detection limit for recombinant GST tagged PYCRL is approximately 0.3ng/ml as a capture antibody.



Publications

Hamanaka, RB;O'Leary, EM;Witt, LJ;Tian, Y;Gokalp, GA;Meliton, AY;Dulin, NO;Mutlu, GM; Glutamine Metabolism is Required for Collagen Protein Synthesis in Lung Fibroblasts Am. J. Respir. Cell Mol. Biol. 2019-04-11 [PMID: 30973753] (WB, Human)

Haider S, McIntyre A, van Stiphout RG et al. Genomic alterations underlie a pan-cancer metabolic shift associated with tumour hypoxia. Genome Biol 2016-06-29 [PMID: 27358048] (WB)

Zaki MS, Bhat G, Sultan T et al. PYCR2 mutations cause a lethal syndrome of microcephaly and failure to thrive. Ann. Neurol. 2016-04-30 [PMID: 27130255] (WB, Human)

De Ingeniis J, Ratnikov B, Richardson AD et al. Functional specialization in proline biosynthesis of melanoma. PLoS One. 2012-01-01 [PMID: 23024808] (Human)





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Products Related to H00065263-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-23389	Recombinant Human PYCRL His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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