

For Research Use Only

PYCR2 Recombinant monoclonal antibody

Catalog Number: 87985-2-RR



Basic Information

Catalog Number: 87985-2-RR	GenBank Accession Number: BC020553	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 29920	CloneNo.: 260153B7
Source: Rabbit	UNIPROT ID: Q96C36	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: pyrroline-5-carboxylate reductase family, member 2	
Immunogen Catalog Number: AG10923	Calculated MW: 320 aa, 34 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HEK-293 cells, Jurkat cells, L02 cells, THP-1 cells, LNCaP cells

Background Information

PYCR2, also named as P5CR2, belongs to the pyrroline-5-carboxylate reductase family. It catalyses the reaction: L-proline + NAD(P)⁺ = 1-pyrroline-5-carboxylate + NAD(P)H. This antibody may have cross reaction to PYCR1 due to the high homology.

Storage

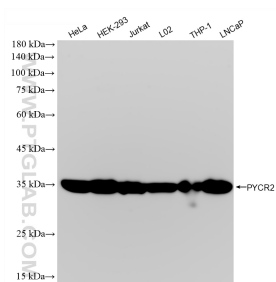
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87985-2-RR (PYCR2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.