

For Research Use Only

PYCR2 Monoclonal antibody, PBS Only



Catalog Number: 68488-1-PBS

Basic Information

Catalog Number: 68488-1-PBS	GenBank Accession Number: BC020553	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29920	CloneNo.: 2G7D9
Source: Mouse	UNIPROT ID: Q96C36	
Isotype: IgG1	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, Indirect ELISA

Species Specificity:
Human

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

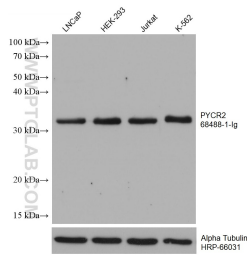
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

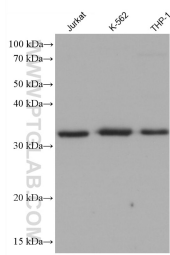
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68488-1-Ig (PYCR2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68488-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68488-1-Ig (PYCR2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68488-1-PBS in a different storage buffer formulation.