

For Research Use Only

# PYCR2 Monoclonal antibody, PBS Only



Catalog Number: 68488-1-PBS

## Basic Information

|                                      |  |  |
|--------------------------------------|--|--|
| Catalog Number:<br>68488-1-PBS       | GenBank Accession Number:<br>BC020553                            | Purification Method:<br>Protein G purification |
| Size:<br>1 mg/ml                     | GeneID (NCBI):<br>29920  | CloneNo.:<br>2G7D9                             |
| Source:<br>Mouse                     | UNIPROT ID:<br>Q96C36  |  |
| Isotype:<br>IgG1                     | Full Name:<br>pyrroline-5-carboxylate reductase family, member 2 |  |
| Immunogen Catalog Number:<br>AG10923 | Calculated MW:<br>320 aa, 34 kDa                                 |  |
|                                      | Observed MW:<br>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)<sup>+</sup> = 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

For technical support and original validation data for this product please contact:

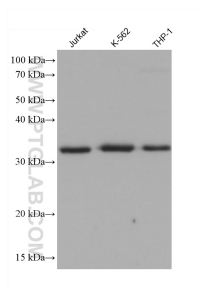
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

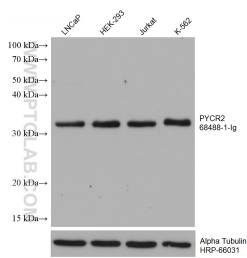
W: [ptgcn.com](http://ptgcn.com)

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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 1:10000 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.



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.