

## Mouse PYCRL Monoclonal Antibody | anti-PYCRL antibody

PYCRL antibody

| CATALOG # | HOST  | APPLICATIONS                                                                             |
|-----------|-------|------------------------------------------------------------------------------------------|
| AAA108122 | Mouse | Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay |

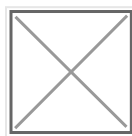
### PRODUCT SYNONYMS

PYCRL; Monoclonal Antibody; PYCRL antibody; Monoclonal PYCRL; Anti-PYCRL; Pyrroline 5 carboxylate reductase like; FLJ13852; P5C reductase 3; P5CR 3; OTTHUMP00000211293; anti-PYCRL antibody

### PRODUCT SPECIFICATIONS

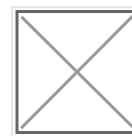
|                                                 |                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                              |
| Clonality                                       | Monoclonal                                                                                                                                         |
| Isotype                                         | IgG2b                                                                                                                                              |
| Clone Number                                    | 1C11                                                                                                                                               |
| Purity/Purification                             | PYCRL antibody was purified by affinity chromatography.                                                                                            |
| Form/Format                                     | Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                                            |
| Concentration                                   | 500 ug-1 mg/ml (varies by lot)                                                                                                                     |
| Sequence Length                                 | 274                                                                                                                                                |
| Applicable Applications for anti-PYCRL antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)                                                  |
| Biological Significance                         | PYCRL belongs to the pyrroline-5-carboxylate reductase family. The function of the PYCRL protein is not known.                                     |
| Cross-Reactivity                                | Human                                                                                                                                              |
| Immunogen                                       | PYCRL antibody was raised in mouse using a full length recombinant protein of human PYCRL (NP_075566) produced in HEK293T cells, as the immunogen. |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.            |

### IMAGES



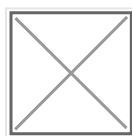
#### IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant PYCRL protein using PYCRL antibody



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PYCRL protein in paraffin embedded Human pancreas tissue using PYCRL antibody



#### WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PYCRL protein (Right) or empty vector (Left) detected with PYCRL antibody

ADDITIONAL INFORMATION

|                                                     |                                     |
|-----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-PYCRL antibody | Mouse monoclonal PYCRL antibody     |
| Product Categories/Family for anti-PYCRL antibody   | <a href="#">Signal Transduction</a> |

NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 823670564                              |
| NCBI GeneID                      | 65263                                  |
| Molecular Weight                 | 26,440 Da                              |
| NCBI Official Full Name          | PYCRL, partial                         |
| NCBI Official Synonym Full Names | pyrroline-5-carboxylate reductase-like |
| NCBI Official Symbol             | PYCRL                                  |
| NCBI Official Synonym Symbols    | PYCR3                                  |
| NCBI Protein Information         | pyrroline-5-carboxylate reductase 3    |
| UniProt Protein Name             | Pyrroline-5-carboxylate reductase 3    |
| UniProt Gene Name                | <b>PYCRL</b>                           |
| UniProt Synonym Gene Names       | P5C reductase 3; P5CR 3                |
| UniProt Entry Name               | P5CR3_HUMAN                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pycrl-antibody-clone-1c11-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/108122>