Mouse PYCRL Monoclonal Antibody | anti-PYCRL antibody

PYCRL antibody

CATALOG #	HOST	APPLICATIONS
AAA108113	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

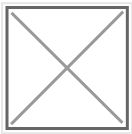
PYCRL; Monoclonal Antibody; PYCRL antibody; Monoclonal PYCRL; Anti-PYCRL; Pyrroline 5 carboxylate reductase like; FLJ13852; P5C reductase 3; P5CR 3; OTTHUMP00000211293; anti-PYCRL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3A8
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), 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



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

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PYCRL protein (red) or empty vector (blue) stained using PYCRL antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PYCRL antibody	Mouse monoclonal PYCRL antibody
Product Categories/Family for anti-PYCRL antibody	Signal Transduction

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	**PYCRL**
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-3a8-western-blot-immunofluorescence-flow-cytometry-elisa/108113