Mouse PYCR2 Monoclonal Antibody | anti-PYCR2 antibody

PYCR2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106955	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

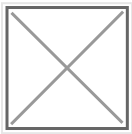
PYCR2; Monoclonal Antibody; PYCR2 antibody; Monoclonal PYCR2; Anti-PYCR2; Pyrroline-5-Carboxylate Reductase Family Member 2; P5CR2; PYCR 2; PYCR-2; anti-PYCR2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2A5
Purity/Purification	PYCR2 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	320
Applicable Applications for anti-PYCR2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PYCR2 belongs to the pyrroline-5-carboxylate reductase family. The function of the PYCR2 protein is not known.
Cross-Reactivity	Human, Monkey
Immunogen	PYCR2 antibody was raised in mouse using a full length recombinant protein of human PYCR2 (NP_037460) 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 PYCR2 protein using PYCR2 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PYCR2 protein (Right) or empty vector (Left) detected with PYCR2 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of Hela cells using PYCR2 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-PYCR2 antibody	Mouse monoclonal PYCR2 antibody
Product Categories/Family for anti-PYCR2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361454
NCBI GeneID	29920
NCBI Accession #	NP_037460
NCBI GenBank Nucleotide #	NM_013328.3
UniProt Accession #	Q96C36; Q7Z515; Q9Y5J4; A8K798
Molecular Weight	33,637 Da
NCBI Official Full Name	pyrroline-5-carboxylate reductase 2 isoform 1
NCBI Official Synonym Full Names	pyrroline-5-carboxylate reductase family, member 2
NCBI Official Symbol	PYCR2
NCBI Official Synonym Symbols	HLD10; P5CR2
NCBI Protein Information	pyrroline-5-carboxylate reductase 2
UniProt Protein Name	Pyrroline-5-carboxylate reductase 2
UniProt Gene Name	**PYCR2**
UniProt Synonym Gene Names	P5C reductase 2; P5CR 2
UniProt Entry Name	P5CR2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/pycr2-antibody-clone-2a5-western-blot-immunofluorescence-flow-cytometry-elisa/106955