

PYCR2 mouse monoclonal antibody (hybridoma)

Catalog # H00029920-M

Size Up to 5 Clones

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PYCR2.

Immunogen

PYCR2 (NP_037460.2, 1 a.a. ~ 320 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

SequenceMSVGFIGAGQLAYALARGFTAAGILSAHKIIASSPEMNLPTVSALRKMGVNLTRSNKETVKHSDVLF
LAVKPHIIPFILDEIGADVQARHIMVSCAAGVTISSVEKKLMAFQPAPKVIRCMTNTPVVVQEGATVY
ATGTHALVEDGQLLLEQLMSSVGFCTEVEEDLIDAVTGLSGSGPAYAFMALDALADGGVKMGLPR
RLAIQLGAQALLGAAKMLLDSEQHPCQLKDNVCSPGGATIHAFLESGGFRSLLINAVEASCIRT
RELQSMADQEKISPAALKKTLLDRVKLESPTVSTLTPSSPGKLLTRSLALGGKKD**Host**

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactivity and specificity confirmed by ELISA and Western Blot.

Deliverables

Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.

Note

Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PYCR2

Entrez GeneID	29920
GeneBank Accession#	NM_013328.2
Protein Accession#	NP_037460.2
Gene Name	PYCR2
Gene Alias	P5CR2
Gene Description	pyrroline-5-carboxylate reductase family, member 2
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000035614 pyrroline 5-carboxylate reductase isoform

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)