

PPCDC mouse monoclonal antibody (hybridoma)

Catalog # H00060490-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PPCDC.
Immunogen	PPCDC (AAH14409.1, 1 a.a. ~ 204 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEPKASCPAAAPLMERKFHVLVGVTGSVAALKLP LLVSKLLDIPGLEVAVVTTERAKHFYSPQDI PVTLYSDADEWEMWKS RSDPVLHIDLRRWADLLL VAPLDANTLGKVASGICDNL LTCVMRAWDR SKPLLFCPAMNTAMWEHPITAQQVDQLKAFGYVEIPCAKKLVCGDEGLGAMAEVGTIVDKVKE VLFQHSGFQQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (88)
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 — PPCDC

Entrez GeneID [60490](#)**GeneBank Accession#** [BC014409.1](#)**Protein Accession#** [AAH14409.1](#)**Gene Name** PPCDC**Gene Alias** FLJ14585, MDS018**Gene Description** phosphopantothenoylcysteine decarboxylase**Omim ID** [609854](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCDC (EC 4.1.1.36), one of the last enzymes in this pathway, converts phosphopantothenoylcysteine to 4-prime-phosphopantetheine (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM]

Other Designations -

Pathway

- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)