

PCOLCE mouse monoclonal antibody (hybridoma)

Catalog # H00005118-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PCOLCE.
Immunogen	PCOLCE (AAH00574.1, 1 a.a. ~ 449 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLPAATASLLGPLLTACALLPFAQQQTPNYTRPVFLCGGDVKGESGYVASEGFNLYPPNKECM TITVPEGQTVSLSFRVFDLELHPACRYDALEVFAAGSGTSGQRLGRFCGTFRPAPLVAPGNQVTLR MTTDEGTGGRGFLLWYSGRATSGTEHQFCGGRLEKAQGTLTTPNWPESDYPPGISCSWHIAPPD QVIALTFEKFDLEPD TYCRYDSVSVFNGAVSDDSRRLGKFCGDAVPGSISSEGNELLVQFVSDLS VTADGFSASYKTLPRGTAKEGQGP GPKRGTEPKVKLPPKSPPEKTEESPSAPDAPTCPKQCR RTGTLQSNFCASSLVVTATVKSMVREPGGLAVTVSLIGAYKTGGLDLPSPPTGASLKFYVPCKQ CPPMKKGVS YLLMGQVEENRGPVLPPEFVVLHRPNQDQILTNLSKRKCPSQPVRAAASQD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (80)
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 — PCOLCE

Entrez GeneID [5118](#)

GeneBank Accession# [BC000574.2](#)

Protein Accession# [AAH00574.1](#)

Gene Name PCOLCE

Gene Alias PCPE, PCPE1

Gene Description procollagen C-endopeptidase enhancer

Omim ID [600270](#)

Gene Ontology [Hyperlink](#)

Gene Summary Fibrillar collagen types I-III are synthesized as precursor molecules known as procollagens. These precursors contain amino- and carboxyl-terminal peptide extensions known as N- and C-propeptides, respectively, which are cleaved, upon secretion of procollagen from the cell, to yield the mature triple helical, highly structured fibrils. This gene encodes a glycoprotein which binds and drives the enzymatic cleavage of type I procollagen and heightens C-proteinase activity. [provided by RefSeq]

Other Designations procollagen C-proteinase enhancer 1|procollagen, type 1, COOH-terminal proteinase enhancer