

PDCD10 mouse monoclonal antibody (hybridoma)

Catalog # H00011235-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PDCD10.
Immunogen	PDCD10 (NP_009148.2, 1 a.a. ~ 212 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRMTMEEMKNEAETTSMSPLYAVMYPVFNELERVNLSAAQTLRAAFIKAENPGLTQDIIMKI LEKKSVEVNFTESELLRMAADDVEEYMIERPEPEFQDLNEKARALKQILSKIPDEINDRVRLQTIKDI ASAIKELLDTVNNVFKKYQYNRRALEHQKKEFVKYSKSFSDTLKTYFKDGKAINVFVSANRLIHQT NLILQTFKTVA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (98)
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 — PDCD10

Entrez GeneID [11235](#)

GeneBank Accession# [NM_007217.3](#)

Protein Accession# [NP_009148.2](#)

Gene Name PDCD10

Gene Alias CCM3, MGC1212, MGC24477, TFAR15

Gene Description programmed cell death 10

Omim ID [603285 609118](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations apoptosis-related protein 15

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Narcolepsy](#)