

PPP2R5E mouse monoclonal antibody (hybridoma)

Catalog # H00005529-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PPP2R5E.
Immunogen	PPP2R5E (NP_006237.1, 1 a.a. ~ 467 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSSAPTPPSVDKVDGFSRKSVRKARQKRSQSSSQFRSQGKPIELTPLLLKDVPSSSEQPELFL KKLQQCCVIFDFMDTSLDKMKEYKRSTLNELVDYTTISRGCLTEQTYPEVVRMVSCNIFRTLPPSD SNEFDPEEDEPTLEASWPHLQLVYEFFIRFLESQEFQPSIAKKYIDQKFVLQLELFDSEDPRERD YLKTVLHRYGKFLGLRAFIRKQINNIFLRFVYETEHFNGVAELLEILGSIINGFALPLKAEHKQFLVKVL IPLHTVRSLSLFHAQLAYCIVQFLEKDPSLTEPVIRGLMKFWPKTCSQKEVMFLGELEEILDVIEPS QFVKIQEPLFKQIAKCVSSPHFQVAERALYYWNNEYIMSLIEENSNVILPIMFSSLYRISKEHWNPAIV ALVYNVLKAFMEMNSTMFDELATYKSDRQREKKKEKEREELWKKLEDLELKRGLRRDGIPT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (92)
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 — PPP2R5E

Entrez GeneID [5529](#)

GeneBank Accession# [NM_006246.2](#)

Protein Accession# [NP_006237.1](#)

Gene Name PPP2R5E

Gene Alias -

Gene Description protein phosphatase 2, regulatory subunit B', epsilon isoform

Omim ID [601647](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an epsilon isoform of the regulatory subunit B56 subfamily. [provided by RefSeq]

Other Designations PP2A, B subunit, B' epsilon|PP2A, B subunit, B56 epsilon|PP2A, B subunit, PR61 epsilon|PP2A, B subunit, R5 epsilon|epsilon isoform of regulatory subunit B56, protein phosphatase 2A|protein phosphatase 2, regulatory subunit B (B56), epsilon isoform|serine/

Pathway

- [Wnt signaling pathway](#)

Disease

- [Breast Diseases](#)

- [Breast Neoplasms](#)
- [Precancerous Conditions](#)