

SEPT4 mouse monoclonal antibody (hybridoma)

Catalog # H00005414-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SEPT4.
Immunogen	SEPT4 (NP_004565.1, 1 a.a. ~ 478 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDRSLGWQGNSVPEDRTEAGIKRFLEDTTDDGELSKFVKDFSGNASCHPPEAKTWASRPQVPE PRPQAPDLYDDDLFRPPSRPQSSDNQQYFCAPAPLSPSARPRSPWGKLDPYDSSEDDKEYV GFATLPNQVHRKSVKKGFDFTLMVAGESGLGKSTLVNSLFLTDLYRDRKLLGAEERIMQTVEITKH AVDIEEKGVRLRLTVDTPGFGDAVNNTCEWKPVAEYDQQFEQYFRDESGLNKNIQDNRVHCC LYFISPFHGHLRPLDVEFMKALHQRVNVPIAKADTLTPPEVDHKKRKIREEIEHFGIKIYQFPDCDS DEDEDFKLQDQALKESIPFAVIGSNTVVEARGRRVRGRLYPWGMEVENPGHCDFVKLRTMLVRT HMQDLKDVTRETHYENYRAQCIQSMTRLVVKERNRNLKLTRESGTDPIPAVPPGTDPETEKLIREK DEELRRMQEMLHKIQKQMKENY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
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 — SEPT4

Entrez GeneID [5414](#)

GeneBank Accession# [NM_004574.2](#)

Protein Accession# [NP_004565.1](#)

Gene Name SEPT4

Gene Alias ARTS, BRADEION, CE5B3, H5, MART, PNUTL2, SEP4, hCDCREL-2, hucep-7

Gene Description septin 4

Omim ID [603696](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. The protein encoded by this gene is thought to be part of a complex involved in cytokinesis. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations cell division control-related protein 2|cerebral protein 7|peanut-like 2|septin-M

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)