

PDSS2 mouse monoclonal antibody (hybridoma)

Catalog # H00057107-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PDSS2.
Immunogen	PDSS2 (NP_065114.2, 1 a.a. ~ 399 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNFRQLLLHLPRLGASGSPRRLWWSPSLDTISSVGSWRGRSSKSPAHWNQVVSEAEKIVGYPT SFMSLRCLLSDELSNIAMQVRKLVGTQHPLLTARGLVHDSWNSLQLRGLVLLISKAAGPSSVN TSCQNYDMVSGIYSCQRSLAEITELIHALLVHRGMVNLNELQSSDGPLKDMQFGNKIALSGDFLLAN ACNGLALLQNTKVVELLASALMDLVQGVYHENSTSKESYTDDIGISTWKEQTFLSHGALLAKSCQ AAMELAKHDAEVQNMAFQYGKHMAMSHKINSVDVQPFKEKTSDSMTFNLNSAPVVLHQEFLGRD LWIKQIREAQEKGRLDYAKLRERIKAGKGVTSALDLCRYHGNKALEALESFPPSEARSALENNFAV TRFS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)
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 — PDSS2

Entrez GeneID	57107
GeneBank Accession#	NM_020381.2
Protein Accession#	NP_065114.2
Gene Name	PDSS2
Gene Alias	C6orf210, DLP1, bA59I9.3, hDLP1
Gene Description	prenyl (decaprenyl) diphosphate synthase, subunit 2
Omim ID	607426 610564
Gene Ontology	Hyperlink
Gene Summary	The isoprenoid chain of ubiquinone (coenzyme Q) varies in length between species and is determined by trans-polyprenyl diphosphate synthase. Humans possess a heterotetrameric decaprenyl diphosphate synthase composed of DPS1 (PDSS1; MIM 607429) and DLP1 (PDSS2) that produces Q10 ubiquinone (Saiki et al., 2005 [PubMed 16262699]).[supplied by OMIM]
Other Designations	OTTHUMP00000040501 OTTHUMP00000065664 prenyl diphosphate synthase, subunit 2 subunit 2 of decaprenyl diphosphate synthase

Pathway

- [Terpenoid backbone biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Kidney Failure](#)
- [Nephrotic Syndrome](#)
- [Tooth Abnormalities](#)