

PPT2 mouse monoclonal antibody (hybridoma)

Catalog # H00009374-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PPT2.
Immunogen	PPT2 (NP_005146.3, 1 a.a. ~ 302 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLGLWGQRLPAAWVLLLLPFLPLLLLAAPAPHRASYKPVVVHGLFDSSYSFRHLLLEYINETHPGT VVTVLDLFDGRESLRPLWEQVQGFREAVVPIMAKAPQGVHLICYSQGGLVCRALLSVMDDHNVD SFISLSSPQMGGYGD TDY LKWL FPTS MRSNLYRICYSPWGQEF SICNYWHD PHHDDL YLNASSFL ALINGERDHPNATVWRKNFLRVGHLVLIGGPDDGVITPWQSSFFGFYDANETVLEMEEQLVYL RD SFGLKTLLARGAIVRCPMAGISHTAWHSNRTL YETCIEPWLS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
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 — PPT2

Entrez GeneID	9374
GeneBank Accession#	NM_005155.5
Protein Accession#	NP_005146.3
Gene Name	PPT2
Gene Alias	C6orf8, DKFZp564P1516, G14
Gene Description	palmitoyl-protein thioesterase 2
Omim ID	603298
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the palmitoyl-protein thioesterase family. The encoded glycosylated lysosomal protein has palmitoyl-CoA hydrolase activity in vitro, but does not hydrolyze palmitate from cysteine residues in proteins. Three transcript variants encoding different isoforms have been described for this gene, with one of the isoforms being inactive. [provided by RefSeq]
Other Designations	OTTHUMP00000029377 OTTHUMP00000029378 OTTHUMP00000029380 VE-statin2 palmitoyl-protein hydrolase 2

Pathway

- [Fatty acid elongation in mitochondria](#)
- [Lysosome](#)
- [Metabolic pathways](#)

Disease

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- [Lung Diseases](#)
- [Lupus Erythematosus](#)
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