

OXCT2 mouse monoclonal antibody (hybridoma)

Catalog # H00064064-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant OXCT2.
Immunogen	OXCT2 (AAH30015.1, 1 a.a. ~ 513 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAALRLLASVLGRGVPAGGSGGLALSQGCARCFATSPRLRAKFYADPVEMVKDISDGATVMIGGF GLCGIPENLIAALLRTRVKDLQVVSSNVGVEDFGLGLLLAARQVRRIVCSYVGENTLCESQYLAG LELELTPQGTLAERIRAGGAGVPAFYTPTGYGTLVQEGGAPIRYTPDGHLLMSQPREVREFNGD HFLLEAIRADFALVKGWKADRAGNVVFRRSARNFNVPMCKAADVTAVEVEEMEVEVGAFFPEDIH VPNIYDRVIKGGQKYEKRIERLTILKEEDGDAGKEEDARTRIIRRAALEFEDGMYANLGIGIPLLASNFI SPSMTVHLHSENGILGLGPFPTDEVADLINAGKQTVTVLPGGCFFASDDSFAMIRGGHIQLTML GAMQVSKYGDLANWMIIPGKKVKGMGGAMD LVSSQKTRVVVTMQHCTKDNTPKIMEKCTMPLTG KRCVDRIITEKAVFDVHRKKELTLRELWEGLTVDDIKKSTGCAFAVSPNLRPMQ
Host	Mouse
Reactivity	Human
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 — OXCT2

Entrez GeneID [64064](#)

GeneBank Accession# [BC030015.1](#)

Protein Accession# [AAH30015.1](#)

Gene Name OXCT2

Gene Alias FKSG25, FLJ00030, SCOT-T

Gene Description 3-oxoacid CoA transferase 2

Omim ID [610289](#)

Gene Ontology [Hyperlink](#)

Gene Summary OXCT2 is a testis-specific succinyl-CoA:3-oxoacid CoA transferase (EC 2.8.3.5), which catalyze s the reversible transfer of CoA from succinyl-CoA to acetoacetate in the first step of ketone body utilization. See also OXCT1 (MIM 601424).[supplied by OMIM]

Other Designations OTTHUMP00000010841

Pathway

- [Butanoate metabolism](#)
- [Synthesis and degradation of ketone bodies](#)
- [Valine](#)