

# EHHADH mouse monoclonal antibody (hybridoma)

Catalog # H00001962-M

Size Up to 5 Clones

## Specification

**Product Description**

Mouse monoclonal antibody raised against a full-length recombinant EHHADH.

**Immunogen**

EHHADH (NP\_001957.2, 1 a.a. ~ 723 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence**

MAEYTRLHNALALIRLRNPPVNAISTTLLRDIKEGLQKAVIDHTIKAMICGAEGKFSAGADIRGFSAPR  
TFGLTLGHVVDEIQRNEKPVVAIQGMAFGGGLELALGCHYRIAHAEAQVGLPEVTLGLLPGARGT  
QLLPRLTGVPAALDLITSGRRILADEALKLGILDKVVNSDPVEEAIRFAQRVSDQPLESRRLCNKPI  
QSLPNMDSIFSEALLKMRRQHPGCLAQEACVRAVQAAVQYPYEVGKKEEELFLYLLQSGQARAL  
QYAFFAERKANKWSTPSGASWKTASARPVSSVGVVGLGTMGRGVISFARARIPVIAVSDKNQL  
ATANKMITSVLEKEASKMQQSGHPWSGPKPRLTSSVKELGGVDLVIEAVFEEMSLKKQVFAELS  
AVCKPEAFLCTNTSALDVDEIASSTRPHLVIGTHFFSPAHVMLLEVIPSQYSSPTTIATVMNLSK  
KIKKIGVVVGNCFGVGNRMLNPYINQAYFLLEEGSKPEEVDQVLEEFGFKMGPFVRVSDLAGLD  
VGWKSRRKGQGLTGPTLLPGTPARKRGNRRYCPIDVLCGLGRFGQKTGKGWYQYDKPLGRIHKP  
DPWLSKFLSRYRKTHHIEPRTISQDEILERCLYSLINEAFRILGEGIAASPEHIDVVYLHGYGWPRHK  
GGPMFYASTVGLPTVLEKLQKYRQNPDIQLEPSDYLKKLASQGNPPLKEWQSLAGSPSSKL

**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 — EHHADH

Entrez GeneID [1962](#)

GeneBank Accession# [NM\\_001966.2](#)

Protein Accession# [NP\\_001957.2](#)

Gene Name EHHADH

Gene Alias ECHD, LBFP, LBP, MGC120586, PBFE

Gene Description enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase

Omim ID [607037](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations 3,2-trans-enoyl-CoA isomerase|L-bifunctional protein, peroxisomal

## Pathway

- [Benzoate degradation via CoA ligation](#)
- [beta-Alanine metabolism](#)
- [Butanoate metabolism](#)
- [Caprolactam degradation](#)
- [Fatty acid metabolism](#)
- [Limonene and pinene degradation](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)

- [PPAR signaling pathway](#)
- [Propanoate metabolism](#)
- [Tryptophan metabolism](#)
- [Valine](#)

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)