

DHH monoclonal antibody (M08), clone 4E7

Catalog # H00050846-M08 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DHH.
Immunogen	DHH (NP_066382, 210 a.a. ~ 310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SGERKGLRELHRGDWVLAADASGRVVPTPVLLFLDRDLQRRASFVAVETEWPPRLLLLTPWHL VFAARGPAPAPGDFAPVVFARRLRAGDSVLAPGGDALRP*
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — DHH

Entrez GeneID	50846
GeneBank Accession#	NM_021044

Protein Accession#	NP_066382
Gene Name	DHH
Gene Alias	HHG-3, MGC35145
Gene Description	desert hedgehog homolog (Drosophila)
Omim ID	605423 607080
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the Hedgehog family. The hedgehog gene family encodes signaling molecules that play an important role in regulating morphogenesis. This protein is predicted to be made as a precursor that is autocatalytically cleaved; the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the organism. Defects in this protein have been associated with partial gonadal dysgenesis (PGD) accompanied by minifascicular polyneuropathy. This protein may be involved in both male gonadal differentiation and perineurial development. [provided by RefSeq]</p>
Other Designations	desert hedgehog

Pathway

- [Hedgehog signaling pathway](#)