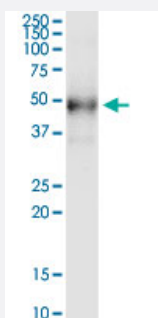


DHH monoclonal antibody (M01), clone 4F10

Catalog # H00050846-M01

Size 100 ug

Applications



Western Blot (Tissue lysate)

DHH monoclonal antibody (M01), clone 4F10. Western Blot analysis of DHH expression in human colon.

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	SGERKGLRELHRGDWVLAADASGRVVPTPVLLFLDRDLQRRASFVAVETEWPPRKLLTPWHL VFAARGPAPAPGDFAPVFARRLRAGDSVLAPGGDALRP*
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a 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

- Western Blot (Tissue lysate)

DHH monoclonal antibody (M01), clone 4F10. Western Blot analysis of DHH expression in human colon.

[Protocol Download](#)

- 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 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]

Other Designations desert hedgehog

Pathway

- [Hedgehog signaling pathway](#)