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Datasheet

DHH monoclonal antibody (M04), clone 2G10

Catalog Number: H00050846-M04

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant DHH.

Clone Name: 2G10

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:
SGERKGLRELHRGDWVLAADASGRVVPTPVLLFLDRD
LQRRASFVAVETEWPPRKLLLTPWHLVFAARGPAPAP
GDFAPVFARRLRAGDSVLAPGGDALRP*

Host: Mouse

Reactivity: Human

Applications: ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 50846

Gene Symbol: DHH

Gene Alias: HHG-3, MGC35145

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]