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Datasheet

DPH1 monoclonal antibody (M02), clone 2C5

Catalog Number: H00001801-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant DPH1.

Clone Name: 2C5

Immunogen: DPH1 (NP_001374, 216 a.a. ~ 324 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
ILGCTSPRLSKEVEAVVYLGDGRFHLESVMIANPNVPA
YRYDPYSKVLSREHYDHQRMQAARQEAIATARSAKS
WGLILGTLGRQGSPKILEHLESRLRALGLSFVRLL

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, WB-Ce
(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: IgG2b 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: 1801

Gene Symbol: DPH1

Gene Alias: DPH2L, DPH2L1, FLJ33211, OVCA1

Gene Summary: Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2; MIM 130610). This modification is conserved from archaebacteria to humans and serves as the target for ADP-ribosylation and inactivation of EEF2 by diphtheria toxin (DT) and Pseudomonas exotoxin A. DPH1 is 1 of several enzymes involved in synthesis of diphthamide in EEF2 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM]