



Mouse anti-Human DPH1 monoclonal antibody, clone 3D6 (CABT-B10129)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DPH1 (NP_001374, 216 a.a. ~ 325 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	3D6
Conjugate	Unconjugated
Applications	WB,IF,ELISA
Sequence Similarities	ILGCTSPRLSKEVEAVVYLGDRFHLESVMIANPNVPAYRYDPYSKVLSREHYDHQRMQA ARQEAIATARSAKSWGLILGTLGRQGSPKILEHLESRLRALGLSFVRL* *
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2; MIM 130610). This modification is conserved from archaebacteria to
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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, Mar 2008]

Keywords

DPH1; diphthamide biosynthesis 1; DPH2L; OVCA1; DPH2L1; diphthamide biosynthesis protein 1; DPH-like 1; DPH2-like 1; DPH1 homolog; ovarian tumor suppressor candidate 1; ovarian cancer-associated gene 1 protein; candidate tumor suppressor in ovarian cancer 1; diphthamide biosynthesis protein 2 homolog-like 1; diphtheria toxin resistance protein required for diphthamide biosynthesis-like 1; diphtheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like 1;

GENE INFORMATION

Entrez Gene ID [1801](#)

UniProt ID [Q9BZG8](#)
