



Mouse anti-Human DPP3 monoclonal antibody, clone 4D7 (CABT-B10130)

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

PRODUCT INFORMATION

Immunogen	DPP3 (AAH01446, 1 a.a. ~ 738 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4D7
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	MADTQYILPNDIGVSSLDCREAFRLSPTELRYAYHLSRAAWYGGGLAVLLQTSPPEAPYIY ALLSRLFRAQDPDQLHQHALAEGLTEEEYQAFLVYAGVYSNMGNYKSFGDTKFVNPNLK EKLERVILGSEAAQQHPEEVRLWQTCGELMFSLEPRLRHLGLGKEGITYFSGNCTMED AKLAQDFLDSQNL SAYNTRLFKEVDGEGKPYEVRLASVLGSEPSLDSEVTSKLKSYEFR GSPFQVTRG DYAPIL
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	This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Feb 2012]
Keywords	DPP3; dipeptidyl-peptidase 3; DPPIII; dipeptidyl peptidase 3; DPP III; dipeptidyl aminopeptidase III; dipeptidyl arylamidase III; dipeptidyl peptidase III; enkephalinase B;

GENE INFORMATION

Entrez Gene ID	10072
UniProt ID	Q9NY33
Function	aminopeptidase activity; dipeptidyl-peptidase activity; metal ion binding; metallopeptidase activity; peptidase activity
