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Datasheet

PEPD monoclonal antibody (M04), clone 4A5-D10

Catalog Number: H00005184-M04

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant PEPD.

Clone Name: 4A5-D10

Immunogen: PEPD (AAH15027, 1 a.a. ~ 493 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MAAATGPSFWLGNETLKVPLALFALNRQRLCERLRKN
PAVQAGSIVVLQGGEETQRYCTDTGVLFRQESFFHWA
FGVAEPGCYGVIDVDTGKSTLFVPRLPASHATWMGKI
HSKEHFKEKYAVDDVQYVDEIASVLTSQEPSVLLTLRG
VNTDSGSVCREASFDGISKFEVNNTILHPEIVECRVFKT
DMELEVLRYTNKISSEAHREVMKAVKVGMKEYELESL
FEHYCYSRGGMRHSSYTCICGSGENSAVLHYGHAGA
PNDRTIQNGDMCLFDMGGEYYCFASDITCSFPANGKF
TADQKAVYEAVLRSSRAVMGAMKPGVWWPDMHRLA
DRIHLEELAHMGILSGSVDAMVQAHLGAVFMPHGLGH
FLGIDVHDVGGYPEGVERIDEPGLRSLRTARHLQPGM
VLTVEPGIYFIDHLLDEALADPARASFLNREVLQRFRGF
GGVRIEEDVVVTDSGIELLTCVPRTVEEIEACMAGCDK
AFTPFSGPK

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: 5184

Gene Symbol: PEPD

Gene Alias: MGC10905, PROLIDASE

Gene Summary: Xaa-Pro dipeptidase is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolism because of the high levels of iminoacids. [provided by RefSeq]