

PEPD rabbit monoclonal antibody

Catalog # H00005184-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PEPD peptide using ARM Technology.
Immunogen	A synthetic peptide of human PEPD is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PEPD peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PEPD

Entrez GeneID	5184
GeneBank Accession#	PEPD
Gene Name	PEPD
Gene Alias	MGC10905, PROLIDASE
Gene Description	peptidase D
Omim ID	170100
Gene Ontology	Hyperlink
Gene Summary	Xaa-Pro dipeptidase is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxy proline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolism because of the high levels of iminoacids. [provided by RefSeq]
Other Designations	imidodipeptidase proline dipeptidase

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)